

Converting Colors

XYZ(77.3248, 91.4430, 81.8382)

Have a look what the booklet for
XYZ(77.3248, 91.4430, 81.8382)
contains.

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Color

**XYZ(77.4264, 91.4922,
81.9856)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFDD
RGB	217, 255, 221
RGB Percent	85%, 100%, 87%
CMY	0.1490, 0.0000, 0.1333
CMYK	0.15, 0.00, 0.13, 0.00
HSL	126°, 100%, 93%
HSV	126°, 15%, 100%
XYZ	77.4264, 91.4922, 81.9856
YIQ	239.7620, -11.7340, -18.6300

Conversions

Conversions Part 2

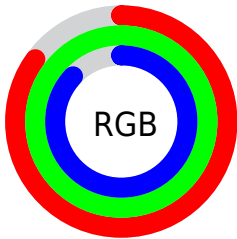
Format	Color
R_{YB}	217, 251, 255
Decimal	14286813
CIE _{Lab}	96.61, -18.43, 12.21
CIE _{LCh}	97, 22.107, 146.481
Yxy	91.4922, 0.3086, 0.3646
Android (android.graphics.Color)	4292476893 (0xFFD9FFDD)
YUV	239.7620, -9.2497, -19.9623
Hunter-Lab	95.6516, -22.9011, 16.1370

Details

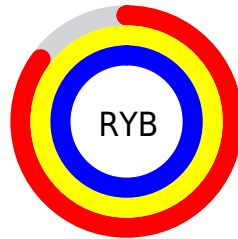
The XYZ color **77.4264, 91.4922, 81.9856** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83.4657, 77.8514, 101.8939**, and the grayscale version is **82.7144, 87.0220, 94.7670**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9773, 50.8227, 43.6737** is the 20% darker color. If you saturate the color by 10%, you get **67.5868, 86.7473, 66.7208**, and if you desaturate by 10%, it is **88.8517, 97.0066, 99.4837**.

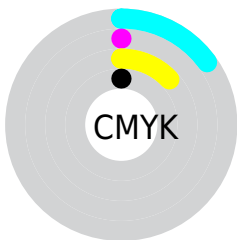
Distribution



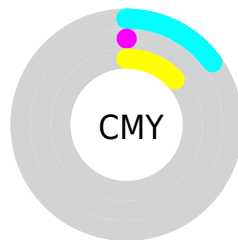
- Red (85%)
- Green (100%)
- Blue (87%)



- Red (85%)
- Yellow (98%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4264, 91.4922, 81.9856 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.4264, 91.4922, 81.9856 by changing the saturation by 10% instead.


 77.4264, 91.4922,
81.9856

 77.4264, 91.4922,
81.9856


475.0863,
532.8731, 521.4817

 57.9040, 69.2189,
60.8179


128.7109,
149.4094, 137.9903

 41.9745, 50.8900,
43.6486


161.2037,
185.8221, 173.6644

 29.2723, 36.1211,
30.0592


198.7507,
227.7168, 215.0111

 19.4322, 24.5277,
19.6311

241.7173,
275.4778, 262.4489

 12.0889, 15.7256,
11.9458

290.4688,
329.4895, 316.3963

 6.8769, 9.3302,
6.5847

345.3705,

 3.4309, 4.9572,

390.1364, 377.2718

3.1293

406.7879,
457.8028, 445.4941

■ 1.3855, 2.2221,
1.1610

■ 0.2459, 0.7320,
0.0000

■ 77.4264, 91.4922,
81.9856

■ 77.4264, 91.4922,
81.9856

■ 67.5868, 86.7473,
66.7208

■ 88.8517, 97.0066,
99.4837

■ 59.2606, 82.7369,
53.5955

95.0500, 100.0000,
108.9000

■ 52.3731, 79.4244,
42.5153

■ 46.8423, 76.7697,
33.3773

■ 42.5780, 74.7287,
26.0695

■ 39.4790, 73.2519,
20.4685

■ 37.4282, 72.2818,
16.4358

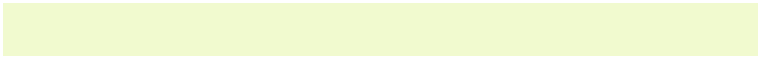
■ 36.2837, 71.7486,
13.8111

■ 35.9561, 71.5984,
12.9525

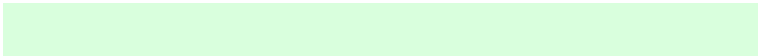
Harmonies

Analogous

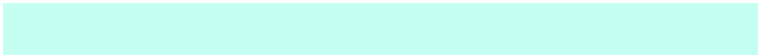
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7696, 91.4922, 72.1606



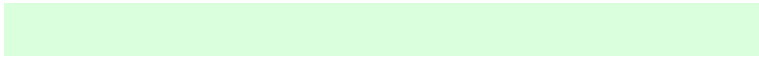
77.4264, 91.4922, 81.9856



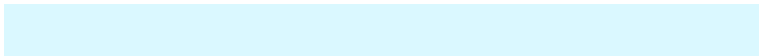
75.6325, 91.4922, 97.5453

Triad

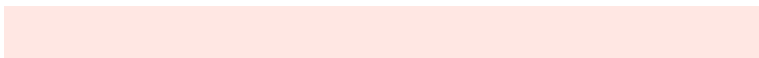
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4264, 91.4922, 81.9856



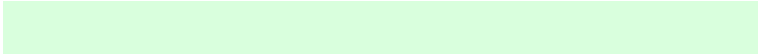
86.2333, 91.4922, 137.5887



98.0349, 91.4922, 85.2040

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.4264, 91.4922, 81.9856



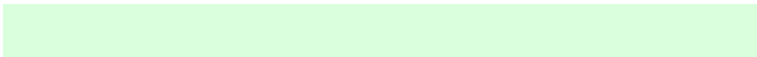
83.4657, 77.8514, 101.8939

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.3668, 91.4922, 101.7228



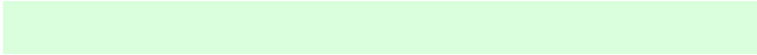
77.4264, 91.4922, 81.9856



92.3668, 91.4922, 133.2863

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



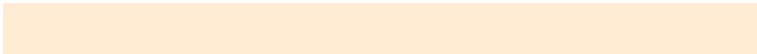
77.4264, 91.4922, 81.9856



80.5631, 91.4922, 130.7662



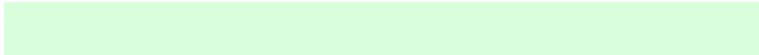
97.2470, 91.4922, 119.6162



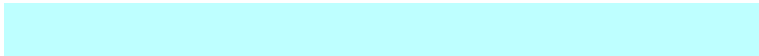
93.6881, 91.4922, 73.8584

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4264, 91.4922, 81.9856



76.0577, 91.4922, 109.5880



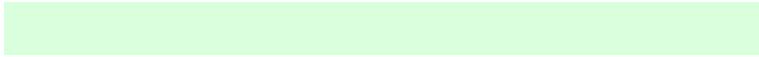
97.2470, 91.4922, 119.6162



98.8587, 91.4922, 90.2745

Sweetspot

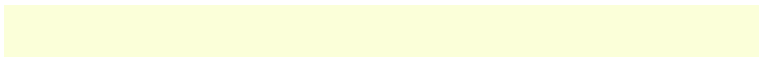
The Sweet Spot groups the original color and five complimentary colors.



77.4271, 91.4925, 81.9870



89.9616, 97.5426, 101.1735



88.1404, 97.0762, 79.7387



19.0570, 20.7823, 21.3532



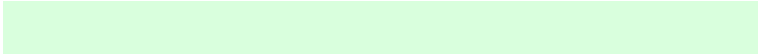
0.0000, 0.0000, 0.0000



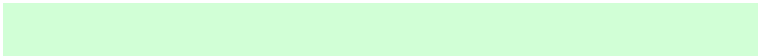
20.3446, 21.4041, 23.3091

Same Dimension

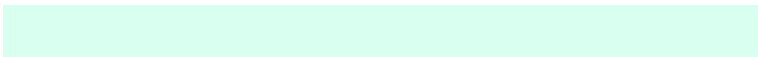
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4271, 91.4925, 81.9870



74.2118, 89.9415, 77.0223



80.0742, 92.5513, 95.9266



17.8493, 20.1992, 19.5093



18.8128, 37.4217, 6.8998



1.8561, 3.6534, 0.8001

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83.4657, 77.8514, 101.8939



81.3466, 73.8227, 100.5420



80.6472, 76.7240, 87.0522



18.7054, 18.2655, 22.3317



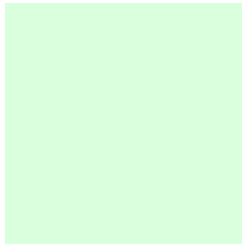
28.9104, 14.0534, 39.7741



2.8376, 1.3774, 3.9922

Previews

White Background



This preview shows how the XYZ color 77.4264, 91.4922, 81.9856 looks on a white background.

Color Contrast Check

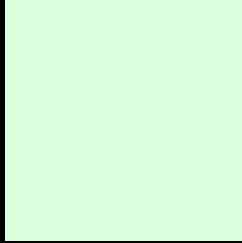
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.4264, 91.4922, 81.9856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

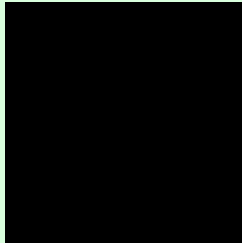
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

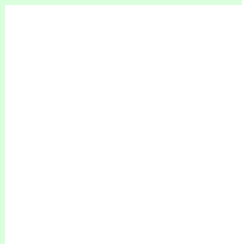
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.4264, 91.4922, 81.9856

Background



This preview shows how black text looks on a background with the XYZ color 77.4264, 91.4922, 81.9856.



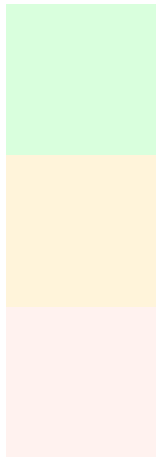
This preview shows how white text looks on a background with the XYZ color 77.4264, 91.4922,

81.9856.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.4264, 91.4922, 81.9856

Protanopia

86.2456, 91.0233, 79.3533

Deuteranopia

88.5721, 90.9963, 94.5571



Tritanopia

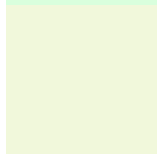
85.9308, 91.1361, 107.6697

Trichromacy



Original Color

77.4264, 91.4922, 81.9856



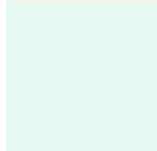
Protanomaly

82.6292, 90.9500, 80.2179



Deuteranomaly

84.1019, 91.0485, 89.4854



Tritanomaly

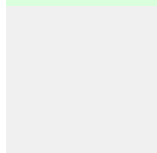
82.6865, 91.0454, 98.0095

Monochromacy



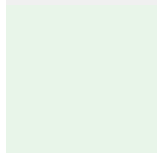
Original Color

77.4264, 91.4922, 81.9856



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.6391, 88.3438, 89.8927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4264, 91.4922, 81.9856 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 77.4264, 91.4922, 81.9856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

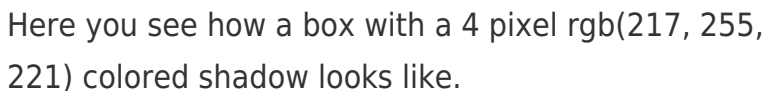
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 221) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 255, 221) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(217, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 221); box-shadow:4px 4px 4px 4px rgb(217, 255, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4264, 91.4922, 81.9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
255, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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