

Converting Colors

XYZ(106.4377, 151.0179,
87.3347)

Have a look what the booklet for
XYZ(106.4377, 151.0179, 87.3347)
contains.

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Color

**XYZ(76.5129, 91.1268,
77.1749)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFD6
RGB	217, 255, 214
RGB Percent	85%, 100%, 84%
CMY	0.1490, 0.0000, 0.1608
CMYK	0.15, 0.00, 0.16, 0.00
HSL	116°, 100%, 92%
HSV	116°, 16%, 100%
XYZ	76.5129, 91.1268, 77.1749
YIQ	238.9640, -9.4870, -20.8070

Conversions

Conversions Part 2

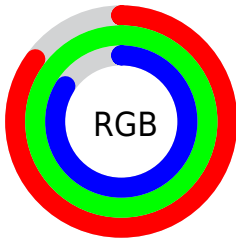
Format	Color
RYB	214, 255, 252
Decimal	14286806
CIELab	96.46, -19.63, 15.58
CIELCh	96, 25.059, 141.558
Yxy	91.1268, 0.3125, 0.3722
Android (android.graphics.Color)	4292476886 (0xFFD9FFD6)
YUV	238.9640, -12.3073, -19.2624
Hunter-Lab	95.4604, -23.9852, 18.8893

Details

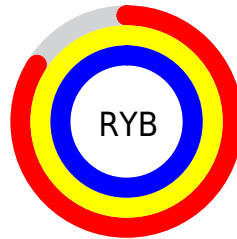
The XYZ color **76.5129, 91.1268, 77.1749** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.2422, 76.0097, 104.9445**, and the grayscale version is **82.1137, 86.3900, 94.0787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3524, 50.5728, 40.3829** is the 20% darker color. If you saturate the color by 10%, you get **66.9773, 86.5583, 61.0385**, and if you desaturate by 10%, it is **87.5657, 96.4185, 96.0462**.

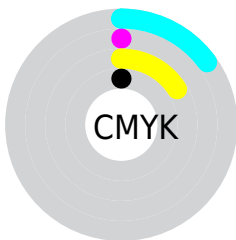
Distribution



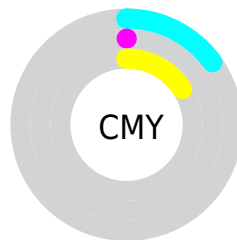
- Red (85%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5129, 91.1268, 77.1749 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 76.5129, 91.1268, 77.1749 by changing the saturation by 10% instead.


 76.5129, 91.1268,
77.1749

 76.5129, 91.1268,
77.1749


472.0191,
531.6895, 504.8136

 57.1517, 68.9156,
56.8840


127.4282,
148.9026, 131.1616

 41.3677, 50.6430,
40.5034


159.7129,
185.2359, 165.6945

 28.7954, 35.9245,
27.6145

197.0363,
227.0455, 205.8118

 19.0696, 24.3759,
17.7987

239.7636,
274.7156, 251.9321

 11.8249, 15.6127,
10.6376

288.2601,
328.6306, 304.4739

 6.6959, 9.2505,
5.7126

342.8913,

 3.3173, 4.9049,

389.1750, 363.8557

2.6052

404.0225,
456.7332, 430.4961

■ 1.3237, 2.1916,
0.8951

■ 0.2008, 0.7154,
0.0000

■ 76.5129, 91.1268,
77.1749

■ 76.5129, 91.1268,
77.1749

■ 66.9773, 86.5583,
61.0385

■ 87.5657, 96.4185,
96.0462

■ 58.8908, 82.6807,
47.5064

95.0500, 100.0000,
108.9000

■ 52.1830, 79.4606,
36.4433

■ 46.7766, 76.8614,
27.7002

■ 42.5870, 74.8430,
21.1121

■ 39.5193, 73.3607,
16.4923

■ 37.4645, 72.3628,
13.6223

■ 36.2917, 71.7877,
12.2309

■ 36.0219, 71.6550,
11.9323

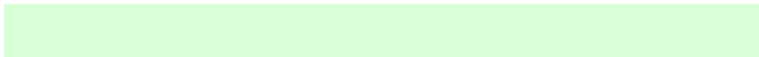
Harmonies

Analogous

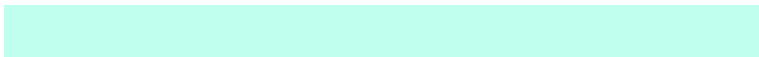
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7709, 91.1268, 67.5718



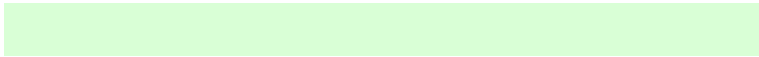
76.5129, 91.1268, 77.1749



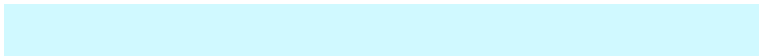
73.9944, 91.1268, 93.6805

Triad

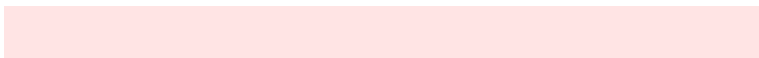
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5129, 91.1268, 77.1749



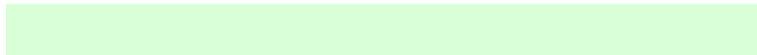
84.6563, 91.1268, 142.3453



99.7161, 91.1268, 85.7471

Complementary

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



76.5129, 91.1268, 77.1749



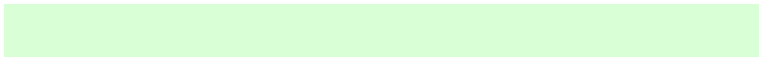
82.2422, 76.0097, 104.9445

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.



100.5909, 91.1268, 104.9770



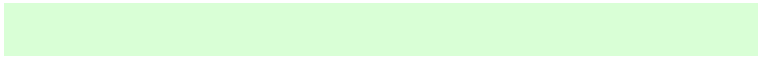
76.5129, 91.1268, 77.1749



91.6432, 91.1268, 139.4720

Square

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



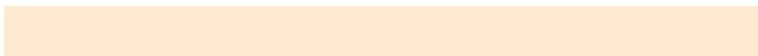
76.5129, 91.1268, 77.1749



78.5277, 91.1268, 132.5046



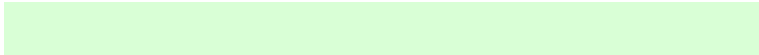
97.5656, 91.1268, 125.1117



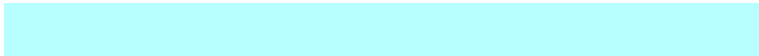
95.2357, 91.1268, 72.0383

Rectangle

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



76.5129, 91.1268, 77.1749



74.1087, 91.1268, 107.1305



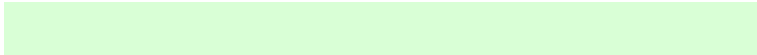
97.5656, 91.1268, 125.1117



100.4509, 91.1268, 91.7118

Sweetspot

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



76.5135, 91.1271, 77.1763



88.8499, 97.0331, 98.2478



88.0576, 95.4746, 77.4070



18.8378, 20.6831, 20.7210



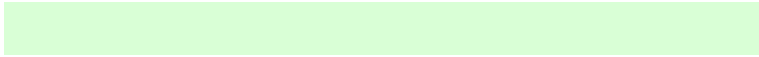
0.0000, 0.0000, 0.0000



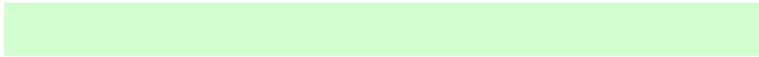
20.3446, 21.4041, 23.3091

Same Dimension

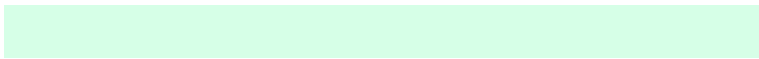
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5135, 91.1271, 77.1763



73.5728, 89.7185, 72.1832



77.9279, 91.5908, 89.2355



17.8946, 20.2316, 19.1063



18.8663, 37.4640, 6.2369



1.8777, 3.6688, 0.6092

Inverse Universe

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



82.2422, 76.0097, 104.9445



80.2019, 72.2218, 104.3209



80.7076, 75.5224, 91.1489



18.6538, 18.2288, 22.7853



27.6219, 13.1501, 50.5170



2.7271, 1.2998, 4.9204

Previews

White Background



This preview shows how the XYZ color 76.5129, 91.1268, 77.1749 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 76.5129, 91.1268, 77.1749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

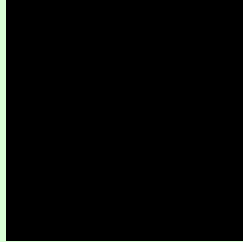
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

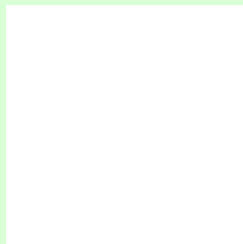
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5129, 91.1268, 77.1749

Background



This preview shows how black text looks on a background with the XYZ color 76.5129, 91.1268, 77.1749.



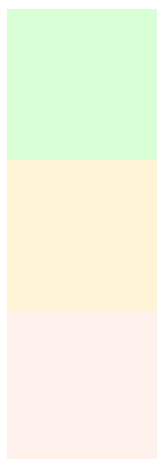
This preview shows how white text looks on a background with the XYZ color 76.5129, 91.1268,

77.1749.

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

76.5129, 91.1268, 77.1749

Protanopia

85.7283, 90.8164, 76.6293

Deuteranopia

88.2782, 90.8787, 93.0093



Tritanopia

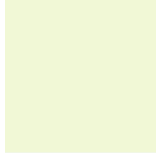
85.5978, 90.9644, 107.6541

Trichromacy



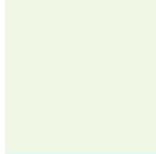
Original Color

76.5129, 91.1268, 77.1749



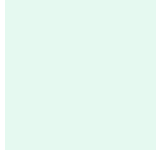
Protanomaly

81.9806, 90.6906, 76.8025



Deuteranomaly

83.6792, 90.8794, 87.2599



Tritanomaly

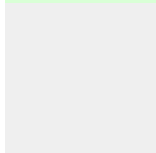
81.9170, 90.7006, 95.6276

Monochromacy



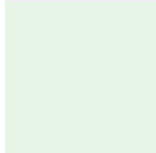
Original Color

76.5129, 91.1268, 77.1749



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.8903, 88.0069, 87.6393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5129, 91.1268, 77.1749 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 76.5129, 91.1268, 77.1749 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, 214) }
```


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

```
.border{ border-color:rgb(217, 255, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5129, 91.1268, 77.1749 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, 214) }
```

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

```
.background{ background-color: rgb(217,  
255, 214) }
```

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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