

Converting Colors

XYZ(90.0829, 118.5482,
81.3921)

Have a look what the booklet for
XYZ(90.0829, 118.5482, 81.3921)
contains.

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Color

**XYZ(76.3855, 91.0758,
76.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFD5
RGB	217, 255, 213
RGB Percent	85%, 100%, 84%
CMY	0.1490, 0.0000, 0.1647
CMYK	0.15, 0.00, 0.16, 0.00
HSL	114°, 100%, 92%
HSV	114°, 16%, 100%
XYZ	76.3855, 91.0758, 76.5042
YIQ	238.8500, -9.1660, -21.1180

Conversions

Conversions Part 2

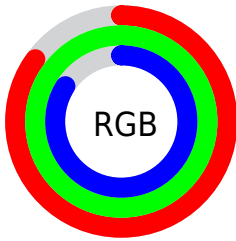
Format	Color
R _Y B	213, 255, 251
Decimal	14286805
CIE Lab	96.44, -19.79, 16.06
CIE LCh	96, 25.491, 140.944
Yxy	91.0758, 0.3131, 0.3733
Android (android.graphics.Color)	4292476885 (0xFFD9FFD5)
YUV	238.8500, -12.7440, -19.1624
Hunter-Lab	95.4336, -24.1367, 19.2738

Details

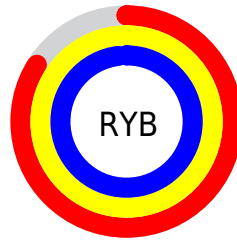
The XYZ color **76.3855, 91.0758, 76.5042** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.6287, 75.3189, 104.8434**, and the grayscale version is **82.0280, 86.2999, 93.9805**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2659, 50.5382, 39.9276** is the 20% darker color. If you saturate the color by 10%, you get **67.0136, 86.5894, 60.4774**, and if you desaturate by 10%, it is **87.2265, 96.2607, 95.2590**.

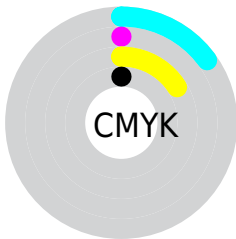
Distribution



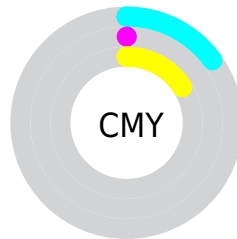
- Red (85%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (98%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3855, 91.0758, 76.5042 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 76.3855, 91.0758, 76.5042 by changing the saturation by 10% instead.


 76.3855, 91.0758,
76.5042

 76.3855, 91.0758,
76.5042


471.5904,
531.5242, 502.4646

 57.0468, 68.8733,
56.3369


127.2491,
148.8318, 130.2060

 41.2831, 50.6085,
40.0673


159.5048,
185.1541, 164.5776

 28.7290, 35.8971,
27.2768


196.7969,
226.9517, 204.5210

 19.0192, 24.3548,
17.5470

239.4907,
274.6091, 250.4548

 11.7882, 15.5970,
10.4592

287.9516,
328.5107, 302.7975

 6.6708, 9.2394,
5.5949

342.5450,

 3.3016, 4.8977,

389.0408, 361.9677

2.5356

403.6361,
456.5838, 428.3839

■ 1.3152, 2.1874,
0.8589

■ 0.1945, 0.7131,
0.0000

■ 76.3855, 91.0758,
76.5042

■ 76.3855, 91.0758,
76.5042

■ 67.0136, 86.5894,
60.4774

■ 87.2265, 96.2607,
95.2590

■ 59.0454, 82.7707,
47.0477

95.0500, 100.0000,
108.9000

■ 52.4138, 79.5879,
36.0795

■ 47.0452, 77.0063,
27.4237

■ 42.8588, 74.9878,
20.9145

■ 39.7645, 73.4902,
16.3645

■ 37.6591, 72.4648,
13.5539

■ 36.4183, 71.8537,
12.2082

■ 36.1434, 71.7177,
11.9379

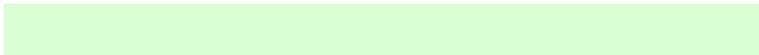
Harmonies

Analogous

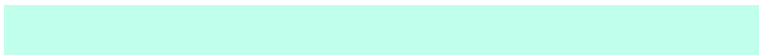
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7735, 91.0758, 66.9352



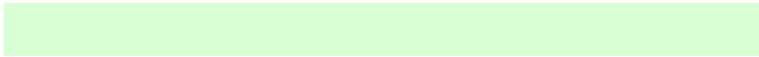
76.3855, 91.0758, 76.5042



73.7646, 91.0758, 93.1355

Triad

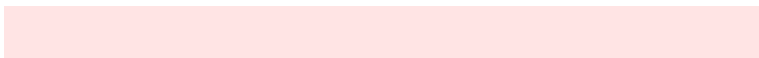
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3855, 91.0758, 76.5042



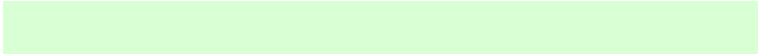
84.4327, 91.0758, 143.0301



99.9582, 91.0758, 85.8299

Complementary

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



76.3855, 91.0758, 76.5042



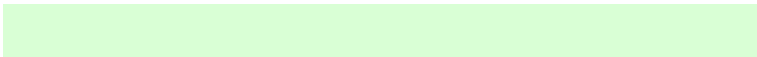
81.6287, 75.3189, 104.8434

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.



100.7663, 91.0758, 105.4514



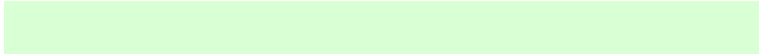
76.3855, 91.0758, 76.5042



91.5397, 91.0758, 140.3698

Square

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



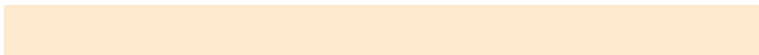
76.3855, 91.0758, 76.5042



78.2407, 91.0758, 132.7499



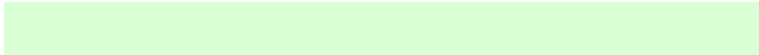
97.6105, 91.0758, 125.9120



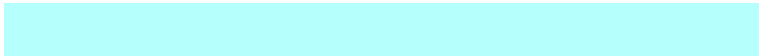
95.4594, 91.0758, 71.7856

Rectangle

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



76.3855, 91.0758, 76.5042



73.8349, 91.0758, 106.7797



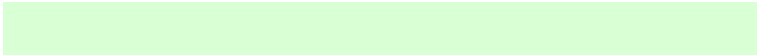
97.6105, 91.0758, 125.9120



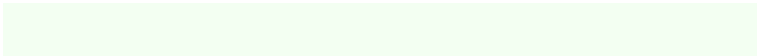
100.6798, 91.0758, 91.9232

Sweetspot

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



76.3862, 91.0761, 76.5056



88.9471, 97.0832, 98.2523



87.6853, 94.9338, 76.6547



18.8614, 20.6952, 20.7221



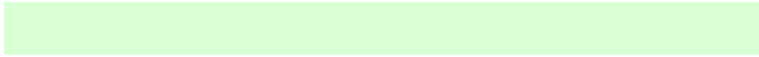
0.0000, 0.0000, 0.0000



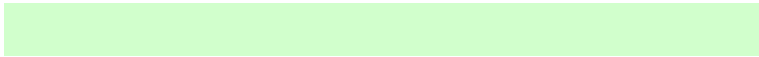
20.3446, 21.4041, 23.3091

Same Dimension

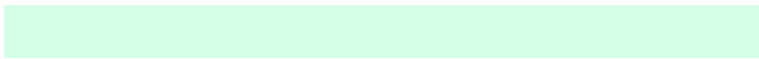
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3862, 91.0761, 76.5056



72.9130, 89.4140, 70.5425



77.4562, 91.3684, 88.2701



17.9319, 20.2508, 19.1080



18.9388, 37.5014, 6.2403



1.8953, 3.6778, 0.6100

Inverse Universe

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



81.6287, 75.3189, 104.8434



79.1186, 70.7562, 104.0951



80.4969, 75.0344, 91.2841



18.6121, 18.2073, 22.7833



26.6735, 12.6612, 50.4726



2.6446, 1.2573, 4.9166

Previews

White Background



This preview shows how the XYZ color 76.3855, 91.0758, 76.5042 looks on a white background.

Color Contrast Check

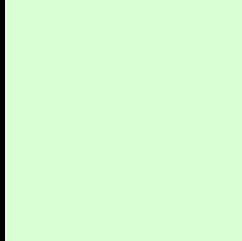
Large Text (above 18pt) WCAG AA × Fail

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 76.3855, 91.0758, 76.5042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

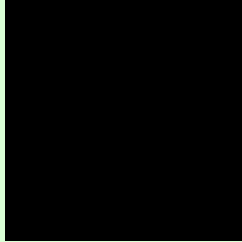
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

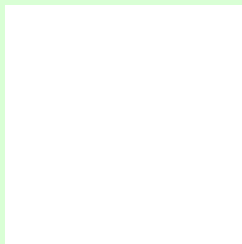
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3855, 91.0758, 76.5042

Background



This preview shows how black text looks on a background with the XYZ color 76.3855, 91.0758, 76.5042.



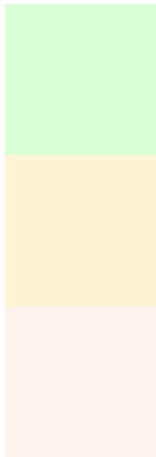
This preview shows how white text looks on a background with the XYZ color 76.3855, 91.0758,

76.5042.

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

76.3855, 91.0758, 76.5042

Protanopia

85.7283, 90.8164, 76.6293

Deuteranopia

88.1325, 90.8204, 92.2419



Tritanopia

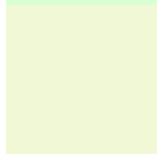
85.5978, 90.9644, 107.6541

Trichromacy



Original Color

76.3855, 91.0758, 76.5042



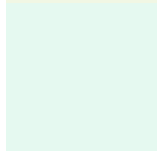
Protanomaly

81.9806, 90.6906, 76.8025



Deuteranomaly

83.5400, 90.8237, 86.5265



Tritanomaly

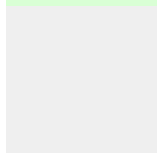
81.9170, 90.7006, 95.6276

Monochromacy



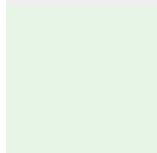
Original Color

76.3855, 91.0758, 76.5042



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 76.3855, 91.0758, 76.5042 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 76.3855, 91.0758, 76.5042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

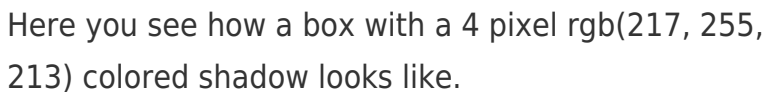
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 213) }
```


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

```
.border{ border-color:rgb(217, 255, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 213); box-shadow:4px 4px 4px 4px rgb(217, 255, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3855, 91.0758, 76.5042 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, 213) }
```

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

```
.background{ background-color: rgb(217,  
255, 213) }
```

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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