

Converting Colors

XYZ(76.6834, 91.2440, 75.8585)

Have a look what the booklet for
XYZ(76.6834, 91.2440, 75.8585)
contains.

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Color

**XYZ(76.5571, 91.1789,
75.8517)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFD4
RGB	218, 255, 212
RGB Percent	85%, 100%, 83%
CMY	0.1451, 0.0000, 0.1686
CMYK	0.15, 0.00, 0.17, 0.00
HSL	112°, 100%, 92%
HSV	112°, 17%, 100%
XYZ	76.5571, 91.1789, 75.8517
YIQ	239.0350, -8.2490, -21.2170

Conversions

Conversions Part 2

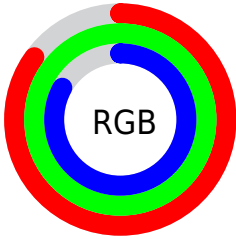
Format	Color
RYB	212, 255, 249
Decimal	14352340
CIELab	96.48, -19.63, 16.64
CIELCh	96, 25.735, 139.710
Yxy	91.1789, 0.3143, 0.3743
Android (android.graphics.Color)	4292542420 (0xFFDAFFD4)
YUV	239.0350, -13.3283, -18.4477
Hunter-Lab	95.4876, -23.9912, 19.7437

Details

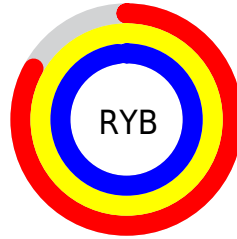
The XYZ color **76.5571, 91.1789, 75.8517** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.6613, 74.4479, 104.7263**, and the grayscale version is **82.1759, 86.4555, 94.1500**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3841, 50.6090, 39.4856** is the 20% darker color. If you saturate the color by 10%, you get **67.4567, 86.8302, 59.9393**, and if you desaturate by 10%, it is **87.0355, 96.1792, 94.4831**.

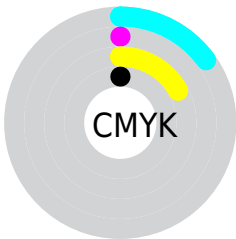
Distribution



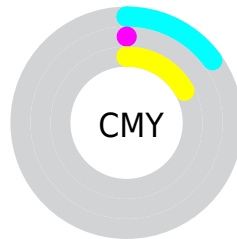
- Red (85%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5571, 91.1789, 75.8517 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 76.5571, 91.1789, 75.8517 by changing the saturation by 10% instead.

76.5571, 91.1789,
75.8517

76.5571, 91.1789,
75.8517

472.1677,
531.8583, 500.1732

57.1881, 68.9588,
55.8050

127.4903,
148.9749, 129.2754

41.3970, 50.6782,
39.6436

159.7851,
185.3195, 163.4895

28.8185, 35.9526,
26.9491

197.1193,
227.1412, 203.2631

19.0871, 24.3976,
17.3029

239.8582,
274.8243, 249.0148

11.8376, 15.6288,
10.2865

288.3671,
328.7531, 301.1631

6.7046, 9.2619,
5.4812

343.0115,

3.3227, 4.9124,

389.3122, 360.1266

2.4687

404.1566,
456.8858, 426.3238

■ 1.3266, 2.1959,
0.8235

■ 0.2030, 0.7178,
0.0000

■ 76.5571, 91.1789,
75.8517

■ 76.5571, 91.1789,
75.8517

■ 67.4567, 86.8302,
59.9393

■ 87.0355, 96.1792,
94.4831

■ 59.6748, 83.1054,
46.6150

95.0500, 100.0000,
108.9000

■ 53.1502, 79.9757,
35.7430

■ 47.8162, 77.4101,
27.1739

■ 43.5997, 75.3744,
20.7418

■ 40.4193, 73.8308,
16.2584

■ 38.1824, 72.7363,
13.5031

■ 36.7777, 72.0396,
12.1964

■ 36.4729, 71.8875,
11.9534

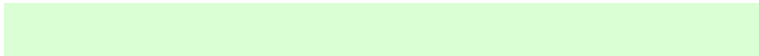
Harmonies

Analogous

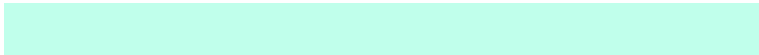
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0916, 91.1789, 66.5267



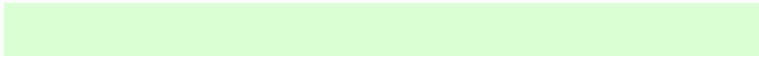
76.5571, 91.1789, 75.8517



73.7818, 91.1789, 92.3844

Triad

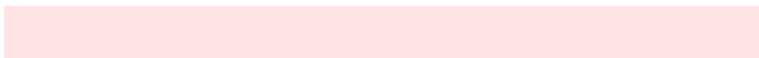
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5571, 91.1789, 75.8517



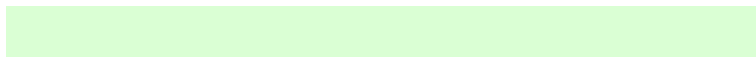
84.2210, 91.1789, 143.4619



100.3140, 91.1789, 86.5371

Complementary

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



76.5571, 91.1789, 75.8517



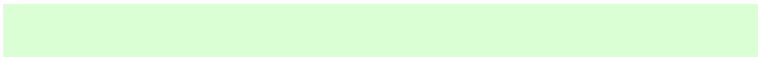
80.6613, 74.4479, 104.7263

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.



100.9620, 91.1789, 106.5069



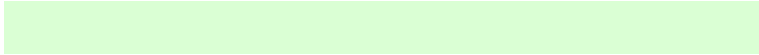
76.5571, 91.1789, 75.8517



91.4006, 91.1789, 141.3256

Square

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



76.5571, 91.1789, 75.8517



78.0419, 91.1789, 132.5786



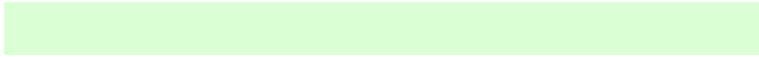
97.6209, 91.1789, 127.0910



95.8963, 91.1789, 72.0806

Rectangle

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



76.5571, 91.1789, 75.8517



73.7600, 91.1789, 106.0942



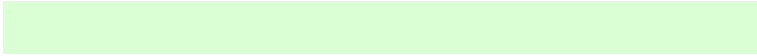
97.6209, 91.1789, 127.0910



100.9889, 91.1789, 92.7608

Sweetspot

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



76.5577, 91.1792, 75.8531



89.1428, 97.1841, 98.2615



86.8608, 93.4873, 75.7556



18.9088, 20.7196, 20.7243



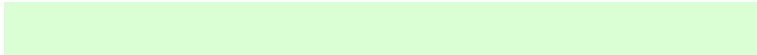
0.0000, 0.0000, 0.0000



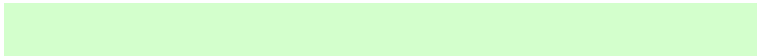
20.3446, 21.4041, 23.3091

Same Dimension

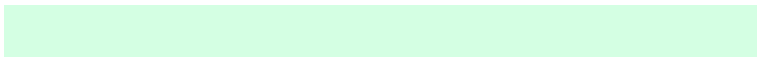
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5577, 91.1792, 75.8531



73.5562, 89.7456, 70.5726



76.7842, 91.0663, 86.2408



18.0072, 20.2896, 19.1115



19.1290, 37.5995, 6.2492



1.9307, 3.6961, 0.6117

Inverse Universe

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



80.6613, 74.4479, 104.7263



78.3133, 70.3411, 104.0574



80.5049, 74.6364, 92.5629



18.5288, 18.1643, 22.7794



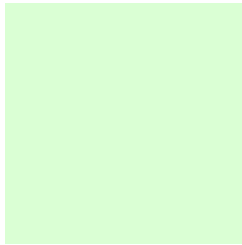
24.8586, 11.7256, 50.3876



2.4860, 1.1755, 4.9091

Previews

White Background



This preview shows how the XYZ color 76.5571, 91.1789, 75.8517 looks on a white background.

Color Contrast Check

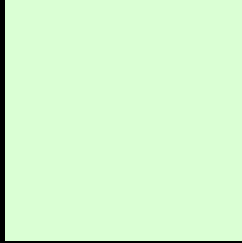
Large Text (above 18pt) WCAG AA × Fail

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 76.5571, 91.1789, 75.8517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

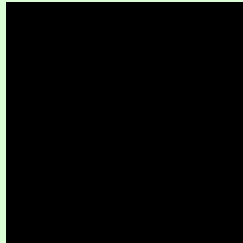
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

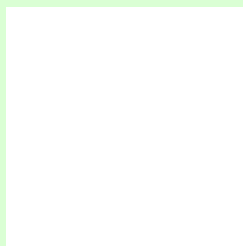
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5571, 91.1789, 75.8517

Background



This preview shows how black text looks on a background with the XYZ color 76.5571, 91.1789, 75.8517.



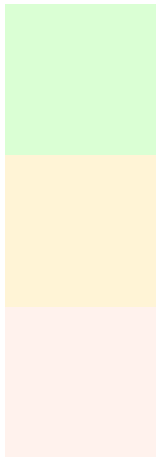
This preview shows how white text looks on a background with the XYZ color 76.5571, 91.1789,

75.8517.

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

76.5571, 91.1789, 75.8517

Protanopia

85.7283, 90.8164, 76.6293

Deuteranopia

88.2782, 90.8787, 93.0093



Tritanopia

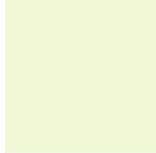
85.9308, 91.1361, 107.6697

Trichromacy



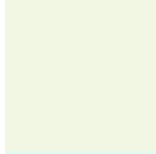
Original Color

76.5571, 91.1789, 75.8517



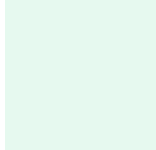
Protanomaly

82.1956, 90.8161, 76.1479



Deuteranomaly

83.8823, 91.0002, 86.5425



Tritanomaly

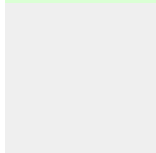
82.0888, 90.8064, 94.8622

Monochromacy



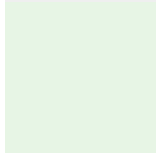
Original Color

76.5571, 91.1789, 75.8517



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.7503, 87.9509, 86.9017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5571, 91.1789, 75.8517 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(218, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 212)  
}
```

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(218, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 212) }
```

Border

The CSS property to change the border of an element to XYZ 76.5571, 91.1789, 75.8517 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(218, 255, 212) }
```


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

```
.border{ border-color:rgb(218, 255, 212) }
```

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

Here you see how a box with a 4 pixel rgb(218, 255, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5571, 91.1789, 75.8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 212) }
```

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

```
.background{ background-color: rgb(218,  
255, 212) }
```

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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