

Converting Colors

XYZ(72.5746, 86.9720, 76.2880)

Have a look what the booklet for
XYZ(72.5746, 86.9720, 76.2880)
contains.

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Color

**XYZ(72.6177, 86.7816,
76.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FAD6
RGB	209, 250, 214
RGB Percent	82%, 98%, 84%
CMY	0.1804, 0.0196, 0.1608
CMYK	0.16, 0.00, 0.14, 0.02
HSL	127°, 80%, 90%
HSV	127°, 16%, 98%
XYZ	72.6177, 86.7816, 76.5415
YIQ	233.6370, -12.8800, -19.8880

Conversions

Conversions Part 2

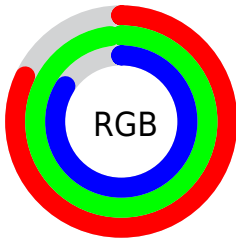
Format	Color
R_{YB}	209, 246, 250
Decimal	13761238
CIE _{Lab}	94.65, -19.83, 12.94
CIE _{LCh}	95, 23.674, 146.877
Yxy	86.7816, 0.3078, 0.3678
Android (android.graphics.Color)	4291951318 (0xFFD1FAD6)
YUV	233.6370, -9.6810, -21.6066
Hunter-Lab	93.1566, -23.8794, 16.4944

Details

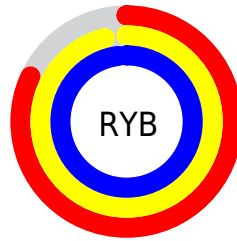
The XYZ color **72.6177, 86.7816, 76.5415** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.7093, 72.5195, 96.2394**, and the grayscale version is **78.0121, 82.0748, 89.3795**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6544, 47.5132, 39.9345** is the 20% darker color. If you saturate the color by 10%, you get **63.4747, 82.3731, 62.4525**, and if you desaturate by 10%, it is **83.2532, 91.9208, 92.6761**.

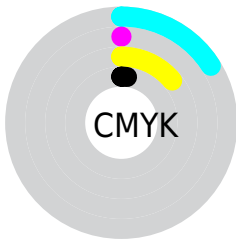
Distribution



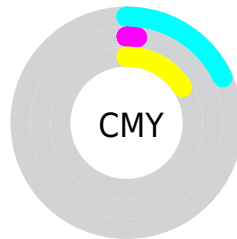
- Red (82%)
- Green (98%)
- Blue (84%)



- Red (82%)
- Yellow (96%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6177, 86.7816, 76.5415 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 72.6177, 86.7816, 76.5415 by changing the saturation by 10% instead.

 72.6177, 86.7816,
76.5415

 72.6177, 86.7816,
76.5415


458.8131,
517.5049, 502.5954

 53.9507, 65.3145,
56.3673


121.9404,
142.8597, 130.2592

 38.7927, 47.7161,
40.0915


153.3268,
178.2395, 164.6397

 26.7785, 33.6021,
27.2956

189.6837,
219.0256, 204.5928

 17.5427, 22.5881,
17.5609

231.3764,
265.6024, 250.5370

 10.7199, 14.2897,
10.4691

278.7704,
318.3543, 302.8908

 5.9447, 8.3224,
5.6014

332.2309,

 2.8518, 4.3019,

377.6658, 362.0728

2.5394

392.1233,
443.9212, 428.5015

■ 1.0759, 1.8439,
0.8609

■ 0.0048, 0.5143,
0.0000

■ 72.6177, 86.7816,
76.5415

■ 72.6177, 86.7816,
76.5415

■ 63.4747, 82.3731,
62.4525

■ 83.2532, 91.9208,
92.6761

■ 55.7505, 78.6516,
50.3221

■ 93.4773, 96.8546,
108.3758

■ 49.3757, 75.5857,
40.0652

■ 44.2724, 73.1372,
31.5883

■ 40.3544, 71.2638,
24.7901

■ 37.5250, 69.9180,
19.5588

■ 35.6716, 69.0445,
15.7691

■ 34.6561, 68.5751,
13.2766

■ 34.4280, 68.4709,
12.6630

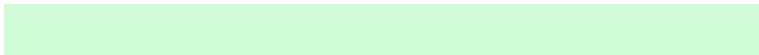
Harmonies

Analogous

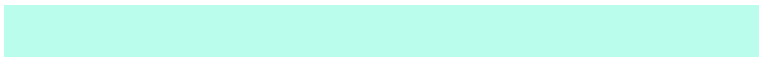
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0539, 86.7816, 66.4570



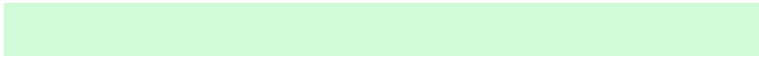
72.6177, 86.7816, 76.5415



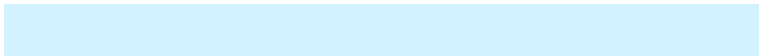
70.8160, 86.7816, 92.5868

Triad

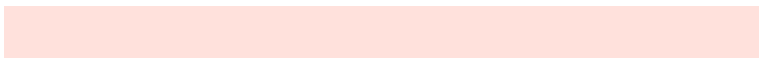
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6177, 86.7816, 76.5415



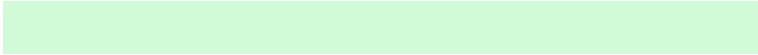
81.8159, 86.7816, 134.1495



93.9321, 86.7816, 79.4624

Complementary

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



72.6177, 86.7816, 76.5415



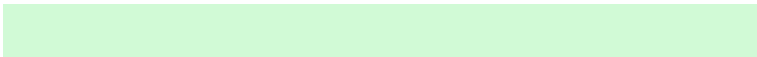
78.7093, 72.5195, 96.2394

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.



95.3665, 86.7816, 96.4199



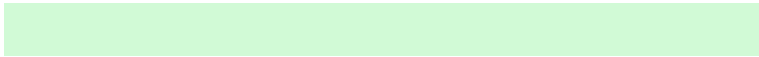
72.6177, 86.7816, 76.5415



88.1619, 86.7816, 129.4708

Square

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



72.6177, 86.7816, 76.5415



75.9516, 86.7816, 127.1209



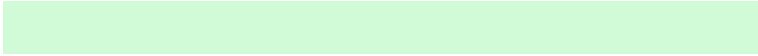
93.2043, 86.7816, 115.0465



89.3791, 86.7816, 67.9842

Rectangle

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



72.6177, 86.7816, 76.5415



71.2785, 86.7816, 105.0759



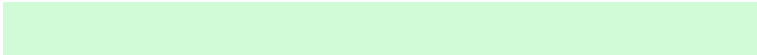
93.2043, 86.7816, 115.0465



94.8049, 86.7816, 84.6409

Sweetspot

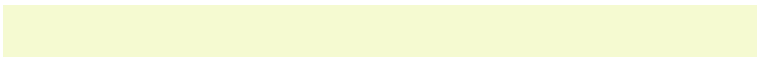
The Sweet Spot groups the original color and five complimentary colors.



72.6201, 86.7853, 76.5434



88.7633, 96.9613, 99.4698



83.4297, 92.4305, 73.7662



18.8169, 20.6657, 21.0166



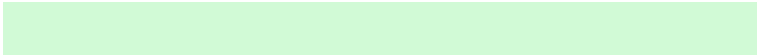
0.0000, 0.0000, 0.0000



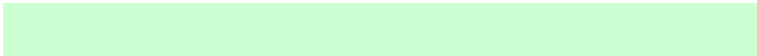
20.3446, 21.4041, 23.3091

Same Dimension

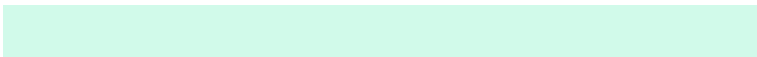
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6201, 86.7853, 76.5434



72.3221, 89.0215, 74.4874



75.3748, 87.8872, 91.0497



17.1035, 19.3437, 18.7455



18.2879, 36.3282, 6.8594



1.7203, 3.3752, 0.7751

Inverse Universe

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



78.7093, 72.5195, 96.2394



79.8975, 71.2716, 98.9888



75.7795, 71.3476, 80.8112



17.8965, 17.4860, 21.3110



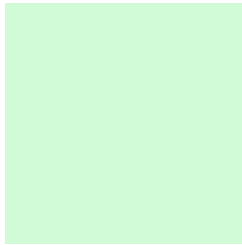
27.7662, 13.5222, 37.0728



2.5965, 1.2623, 3.5645

Previews

White Background



This preview shows how the XYZ color 72.6177, 86.7816, 76.5415 looks on a white background.

Color Contrast Check

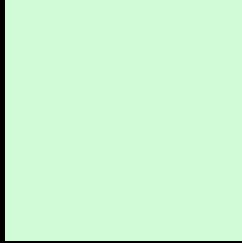
Large Text (above 18pt) WCAG AA × Fail

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 72.6177, 86.7816, 76.5415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

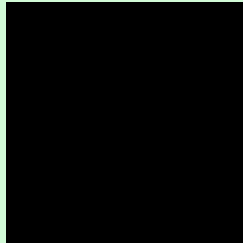
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

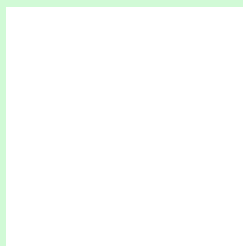
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6177, 86.7816, 76.5415

Background



This preview shows how black text looks on a background with the XYZ color 72.6177, 86.7816, 76.5415.

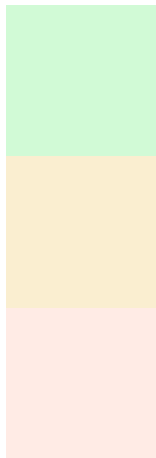


This preview shows how white text looks on a background with the XYZ color 72.6177, 86.7816,

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

72.6177, 86.7816, 76.5415

Protanopia

81.3840, 86.0271, 71.9900

Deuteranopia

85.0912, 86.3338, 86.3080



Tritanopia

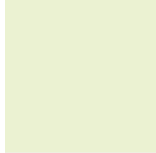
80.8535, 86.7318, 107.0872

Trichromacy



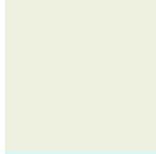
Original Color

72.6177, 86.7816, 76.5415



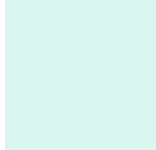
Protanomaly

77.6459, 85.8196, 73.4452



Deuteranomaly

79.8745, 85.8791, 82.8875



Tritanomaly

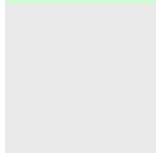
77.5940, 86.6562, 95.0747

Monochromacy



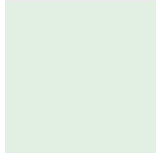
Original Color

72.6177, 86.7816, 76.5415



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.0766, 83.8738, 84.8526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6177, 86.7816, 76.5415 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(209, 250, 214)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 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(209, 250, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 214) }
```

Border

The CSS property to change the border of an element to XYZ 72.6177, 86.7816, 76.5415 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(209, 250, 214) }
```


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

```
.border{ border-color:rgb(209, 250, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 250, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6177, 86.7816, 76.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 214) }
```

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

```
.background{ background-color: rgb(209,  
250, 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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