

Converting Colors

XYZ(67.1065, 77.4755, 66.6670)

Have a look what the booklet for
XYZ(67.1065, 77.4755, 66.6670)
contains.

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Color

**XYZ(67.1149, 77.4826,
66.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EBC9
RGB	211, 235, 201
RGB Percent	83%, 92%, 79%
CMY	0.1725, 0.0784, 0.2118
CMYK	0.10, 0.00, 0.14, 0.08
HSL	102°, 46%, 85%
HSV	102°, 14%, 92%
XYZ	67.1149, 77.4826, 66.6766
YIQ	223.9480, -3.3900, -15.6620

Conversions

Conversions Part 2

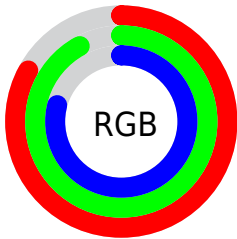
Format	Color
RYB	201, 235, 225
Decimal	13888457
CIELab	90.54, -14.00, 13.86
CIELCh	91, 19.695, 135.284
Yxy	77.4826, 0.3177, 0.3667
Android (android.graphics.Color)	4292078537 (0xFFD3EBC9)
YUV	223.9480, -11.3134, -11.3554
Hunter-Lab	88.0242, -17.9433, 16.7059

Details

The XYZ color **67.1149, 77.4826, 66.6766** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.9365, 63.7811, 87.3844**, and the grayscale version is **70.8962, 74.5883, 81.2267**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0969, 41.4147, 33.7478** is the 20% darker color. If you saturate the color by 10%, you get **60.0496, 74.1379, 53.0025**, and if you desaturate by 10%, it is **75.0980, 81.2560, 82.6046**.

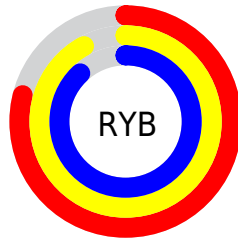
Distribution



Red (83%)

Green (92%)

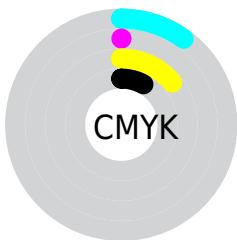
Blue (79%)



Red (79%)

Yellow (92%)

Blue (88%)

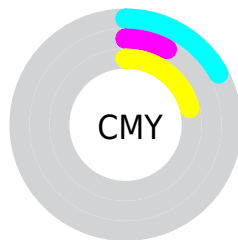


Cyan (10%)

Magenta (0%)

Yellow (14%)

Black (8%)



Cyan (17%)

Magenta (8%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1149, 77.4826, 66.6766 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 67.1149, 77.4826, 66.6766 by changing the saturation by 10% instead.

67.1149, 77.4826,
66.6766

67.1149, 77.4826,
66.6766

439.7797,
486.4079, 467.2629

49.4490, 57.6490,
48.3619

114.1339,
129.8205, 116.0931

35.1918, 41.5266,
33.7516

144.2178,
163.0936, 148.0321

23.9779, 28.7308,
22.4270

179.1717,
201.6154, 185.3495

15.4419, 18.8772,
13.9697

219.3611,
245.7702, 228.4639

9.2184, 11.5816,
7.9611

265.1512,
295.9425, 277.7940

4.9422, 6.4595,
3.9826

316.9074,

2.2478, 3.1264,

352.5166, 333.7581

1.6158

374.9952,
415.8769, 396.7749

■ 0.7677, 1.1981,
0.3021

■ 0.0000, 0.0601,
0.0000

■ 67.1149, 77.4826,
66.6766

■ 67.1149, 77.4826,
66.6766

■ 60.0496, 74.1379,
53.0025

■ 75.0980, 81.2560,
82.6046

■ 53.8618, 71.1967,
41.4757

■ 84.0246, 85.4627,
100.8767

■ 48.5175, 68.6461,
31.9884

■ 88.9999, 87.8998,
106.8833

■ 43.9777, 66.4685,
24.4217

■ 40.2005, 64.6453,
18.6440

■ 37.1393, 63.1556,
14.5076

■ 34.7420, 61.9763,
11.8407

■ 32.9476, 61.0805,
10.4339

■ 32.1717, 60.6889,
10.0185

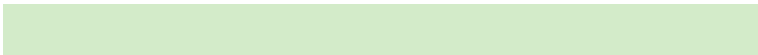
Harmonies

Analogous

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



71.1753, 77.4826, 60.8029



67.1149, 77.4826, 66.6766



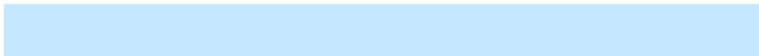
64.8554, 77.4826, 77.6581

Triad

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



67.1149, 77.4826, 66.6766



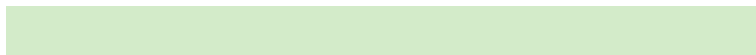
71.2640, 77.4826, 113.4273



83.1683, 77.4826, 77.4124

Complementary

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



67.1149, 77.4826, 66.6766



66.9365, 63.7811, 87.3844

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.



83.1947, 77.4826, 91.4482



67.1149, 77.4826, 66.6766



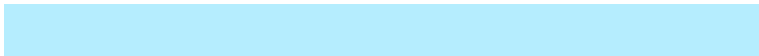
76.1709, 77.4826, 113.3425

Square

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



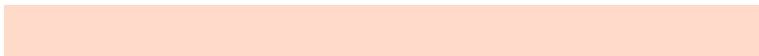
67.1149, 77.4826, 66.6766



67.1773, 77.4826, 105.1549



80.5853, 77.4826, 104.9348



80.5148, 77.4826, 66.5141

Rectangle

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



67.1149, 77.4826, 66.6766



64.6071, 77.4826, 86.8892



80.5853, 77.4826, 104.9348



83.4885, 77.4826, 81.8909

Sweetspot

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



67.1170, 77.4859, 66.6783



90.8512, 98.0202, 100.3576



71.6779, 75.6249, 66.0787



19.2813, 20.9027, 21.1478



0.0000, 0.0000, 0.0000



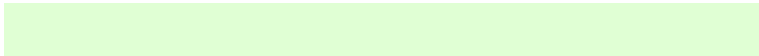
20.3446, 21.4041, 23.3091

Same Dimension

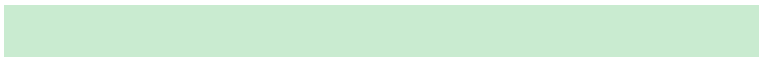
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.1170, 77.4859, 66.6783



78.4635, 92.1667, 75.7106



65.1586, 76.3819, 70.8562



15.2846, 17.0767, 16.0093



18.0149, 33.8315, 5.5807



1.5077, 2.7046, 0.4426

Inverse Universe

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



66.9365, 63.7811, 87.3844



78.2107, 73.0541, 104.5864



69.1818, 65.0500, 82.4575



15.2584, 15.0785, 19.0285



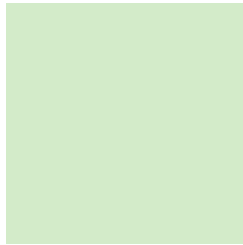
17.2190, 7.9127, 44.3627



1.4474, 0.6705, 3.4880

Previews

White Background



This preview shows how the XYZ color 67.1149, 77.4826, 66.6766 looks on a white background.

Color Contrast Check

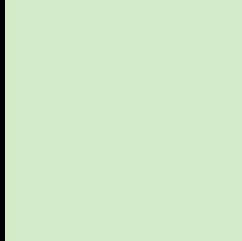
Large Text (above 18pt) WCAG AA × Fail

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 67.1149, 77.4826, 66.6766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

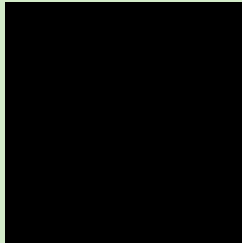
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

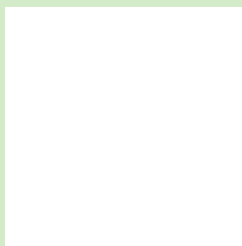
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1149, 77.4826, 66.6766

Background



This preview shows how black text looks on a background with the XYZ color 67.1149, 77.4826, 66.6766.

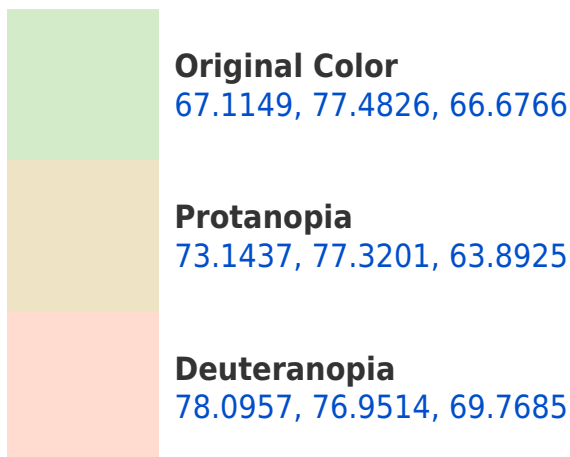


This preview shows how white text looks on a background with the XYZ color 67.1149, 77.4826,

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

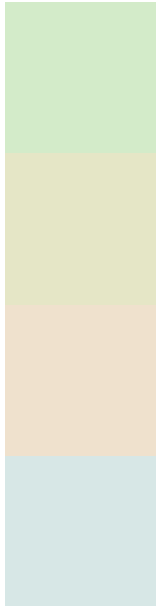




Tritanopia

73.7213, 77.6594, 99.0999

Trichromacy



Original Color

67.1149, 77.4826, 66.6766

Protanomaly

70.8030, 77.3289, 64.6203

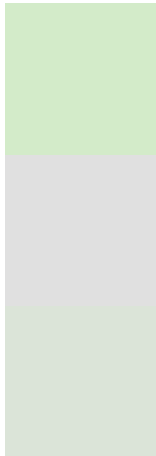
Deuteranomaly

73.5413, 76.6089, 68.6686

Tritanomaly

70.8832, 77.3121, 86.0497

Monochromacy



Original Color

67.1149, 77.4826, 66.6766

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.3515, 75.5047, 75.8844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1149, 77.4826, 66.6766 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(211, 235, 201)` looks like.

```
.text, #text, p{  
    color:rgb(211, 235, 201)  
}
```

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(211, 235, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 235, 201) }
```

Border

The CSS property to change the border of an element to XYZ 67.1149, 77.4826, 66.6766 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(211, 235, 201) }
```


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

```
.border{ border-color:rgb(211, 235, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 235, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 235, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 235, 201);  
box-shadow:4px 4px 4px 4px rgb(211, 235,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1149, 77.4826, 66.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 235, 201) }
```

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

```
.background{ background-color: rgb(211,  
235, 201) }
```

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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