

Converting Colors

XYZ(66.3105, 76.7130, 63.5379)

Have a look what the booklet for
XYZ(66.3105, 76.7130, 63.5379)
contains.

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Color

**XYZ(66.2506, 76.6800,
63.5335)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EAC4
RGB	211, 234, 196
RGB Percent	83%, 92%, 77%
CMY	0.1725, 0.0823, 0.2314
CMYK	0.10, 0.00, 0.16, 0.08
HSL	96°, 48%, 84%
HSV	96°, 16%, 92%
XYZ	66.2506, 76.6800, 63.5335
YIQ	222.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

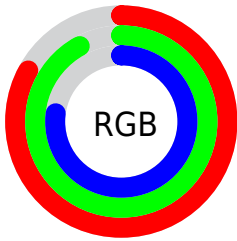
Format	Color
RYB	196, 234, 219
Decimal	13888196
CIELab	90.17, -14.32, 15.93
CIElCh	90, 21.425, 131.956
Yxy	76.6800, 0.3209, 0.3714
Android (android.graphics.Color)	4292078276 (0xFFD3EAC4)
YUV	222.7910, -13.2080, -10.3407
Hunter-Lab	87.5671, -18.1948, 18.2797

Details

The XYZ color **66.2506, 76.6800, 63.5335** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.8076, 60.4825, 86.1571**, and the grayscale version is **70.0842, 73.7340, 80.2964**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **34.5132, 40.8617, 31.6592** is the 20% darker color. If you saturate the color by 10%, you get **59.9118, 73.6986, 50.4008**, and if you desaturate by 10%, it is **73.3667, 80.0186, 78.8742**.

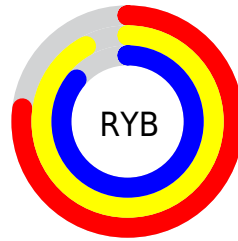
Distribution



Red (83%)

Green (92%)

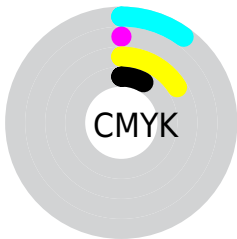
Blue (77%)



Red (77%)

Yellow (92%)

Blue (86%)

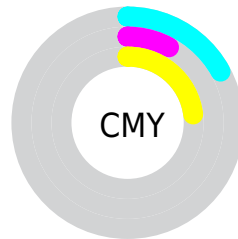


Cyan (10%)

Magenta (0%)

Yellow (16%)

Black (8%)



Cyan (17%)

Magenta (8%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2506, 76.6800, 63.5335 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 66.2506, 76.6800, 63.5335 by changing the saturation by 10% instead.

■ 66.2506, 76.6800,
63.5335

■ 66.2506, 76.6800,
63.5335

436.7471,
483.6723, 455.6642

■ 48.7443, 56.9903,
45.8292

112.9017,
128.6877, 111.5318

■ 34.6304, 40.9974,
31.7633

142.7772,
161.7744, 142.6629

■ 23.5435, 28.3171,
20.9175

177.5065,
200.0956, 179.1066

■ 15.1182, 18.5648,
12.8730

217.4549,
244.0357, 221.2816

■ 8.9893, 11.3563,
7.2115

262.9878,
293.9789, 269.6063

■ 4.7912, 6.3070,
3.5143

314.4706,

■ 2.1588, 3.0326,

350.3099, 324.4992

1.3628

372.2686,
413.4129, 386.3790

0.7209, 1.1488,
0.1125

0.0000, 0.0193,
0.0000

66.2506, 76.6800,
63.5335

66.2506, 76.6800,
63.5335

59.9118, 73.6986,
50.4008

73.3667, 80.0186,
78.8742

54.3156, 71.0521,
39.3696

81.2806, 83.7161,
96.5130

49.4339, 68.7304,
30.3320

88.1629, 87.0444,
106.7623

45.2341, 66.7196,
23.1687

88.7143, 87.3286,
106.7881

■ 41.6807, 65.0040,
17.7472

■ 38.7344, 63.5668,
13.9182

■ 36.3505, 62.3888,
11.5070

■ 34.4754, 61.4470,
10.2961

■ 33.8738, 61.1424,
10.0163

Harmonies

Analogous

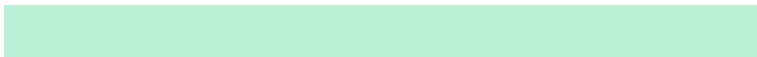
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7820, 76.6800, 57.9707



66.2506, 76.6800, 63.5335



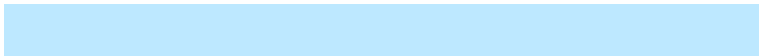
63.5763, 76.6800, 74.7365

Triad

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



66.2506, 76.6800, 63.5335



69.7573, 76.6800, 114.5817



83.3616, 76.6800, 77.5645

Complementary

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



66.2506, 76.6800, 63.5335



63.8076, 60.4825, 86.1571

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.



83.0543, 76.6800, 92.9048



66.2506, 76.6800, 63.5335



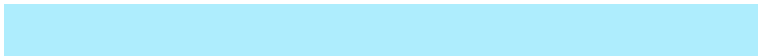
75.0232, 76.6800, 115.5797

Square

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



66.2506, 76.6800, 63.5335



65.5319, 76.6800, 104.6640



79.9419, 76.6800, 107.2443



80.7622, 76.6800, 65.3861

Rectangle

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



66.2506, 76.6800, 63.5335



63.1232, 76.6800, 84.4962



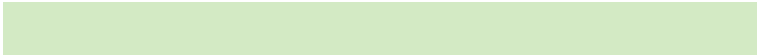
79.9419, 76.6800, 107.2443



83.5982, 76.6800, 82.4948

Sweetspot

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



66.2527, 76.6833, 63.5352



90.2820, 97.7713, 98.3148



69.1778, 72.0397, 62.4847



19.1849, 20.8620, 20.7372



0.0000, 0.0000, 0.0000



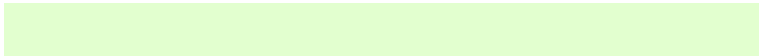
20.3446, 21.4041, 23.3091

Same Dimension

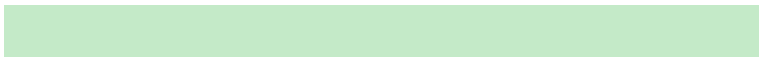
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2527, 76.6833, 63.5352



78.2289, 92.1188, 72.4011



62.5920, 74.7456, 65.6509



15.4308, 17.1521, 16.0161



19.1662, 34.4250, 5.6345



1.6105, 2.7576, 0.4474

Inverse Universe

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



63.8076, 60.4825, 86.1571



74.8054, 69.4398, 104.0683



67.9855, 62.6987, 83.5327



15.1061, 15.0000, 19.0214



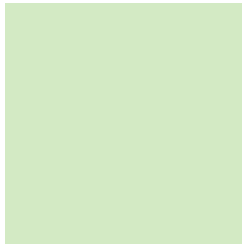
14.7255, 6.6272, 44.2460



1.2640, 0.5759, 3.4794

Previews

White Background



This preview shows how the XYZ color 66.2506, 76.6800, 63.5335 looks on a white background.

Color Contrast Check

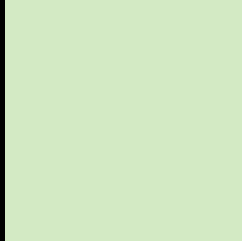
Large Text (above 18pt) WCAG AA × Fail

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 66.2506, 76.6800, 63.5335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

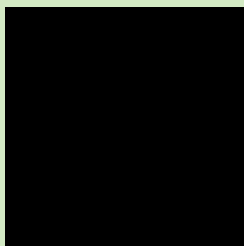
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

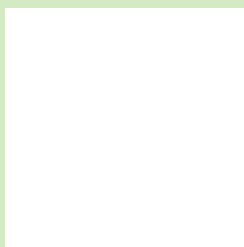
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2506, 76.6800, 63.5335

Background



This preview shows how black text looks on a background with the XYZ color 66.2506, 76.6800, 63.5335.



This preview shows how white text looks on a background with the XYZ color 66.2506, 76.6800,

63.5335.

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

66.2506, 76.6800, 63.5335

Protanopia

71.9707, 76.3756, 60.8179

Deuteranopia

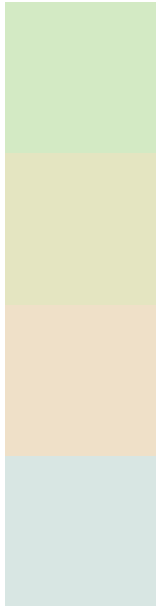
77.2322, 76.1873, 66.5122



Tritanopia

73.1639, 76.5908, 97.3136

Trichromacy



Original Color

66.2506, 76.6800, 63.5335

Protanomaly

69.6399, 76.3829, 61.5250

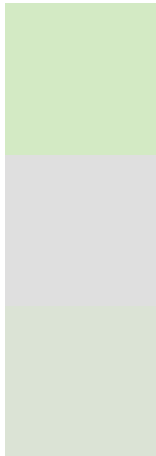
Deuteranomaly

72.6776, 75.8322, 65.4501

Tritanomaly

70.4808, 76.7386, 83.7703

Monochromacy



Original Color

66.2506, 76.6800, 63.5335

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.6927, 74.8023, 73.7686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2506, 76.6800, 63.5335 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, 234, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 234, 196)  
}
```

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, 234, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 234, 196) }
```

Border

The CSS property to change the border of an element to XYZ 66.2506, 76.6800, 63.5335 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, 234, 196) }
```


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

```
.border{ border-color:rgb(211, 234, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 234, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 234, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 234, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 234,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2506, 76.6800, 63.5335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 234, 196) }
```

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

```
.background{ background-color: rgb(211,  
234, 196) }
```

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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