

Converting Colors

XYZ(60.3029, 66.7158, 84.6405)

Have a look what the booklet for
XYZ(60.3029, 66.7158, 84.6405)
contains.

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Color

**XYZ(60.3406, 66.6748,
84.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDAE6
RGB	189, 218, 230
RGB Percent	74%, 85%, 90%
CMY	0.2588, 0.1451, 0.0980
CMYK	0.18, 0.05, 0.00, 0.10
HSL	198°, 45%, 82%
HSV	198°, 18%, 90%
XYZ	60.3406, 66.6748, 84.5521
YIQ	210.6970, -21.1360, -2.4160

Conversions

Conversions Part 2

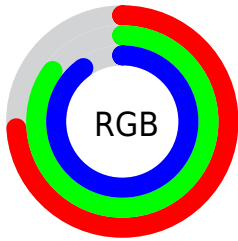
Format	Color
R_{YB}	189, 206, 230
Decimal	12442342
CIE _{Lab}	85.34, -7.08, -9.11
CIE _{LCh}	85, 11.536, 232.140
Yxy	66.6748, 0.2852, 0.3151
Android (android.graphics.Color)	4290632422 (0xFFBDDAE6)
YUV	210.6970, 9.5164, -19.0283
Hunter-Lab	81.6546, -10.9889, -4.2356

Details

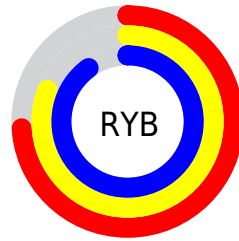
The XYZ color **60.3406, 66.6748, 84.5521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7056, 62.2704, 56.8599**, and the grayscale version is **61.6678, 64.8793, 70.6536**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.8267, 34.4404, 45.5804** is the 20% darker color. If you saturate the color by 10%, you get **53.3720, 60.5455, 83.7374**, and if you desaturate by 10%, it is **68.2888, 73.4178, 85.4358**.

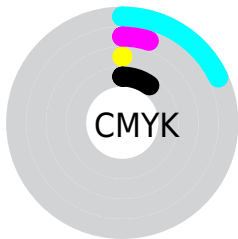
Distribution



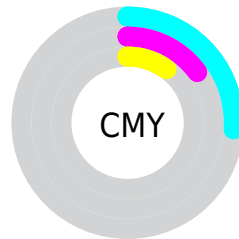
- Red (74%)
- Green (85%)
- Blue (90%)



- Red (74%)
- Yellow (81%)
- Blue (90%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3406, 66.6748, 84.5521 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 60.3406, 66.6748, 84.5521 by changing the saturation by 10% instead.

■ 60.3406, 66.6748,
84.5521

■ 60.3406, 66.6748,
84.5521

415.6667,
448.7863, 530.2507

■ 43.9437, 48.8204,
62.9233

■ 104.4271,
114.4543, 141.6158

■ 30.8240, 34.4770,
45.3386

132.8475,
145.1482, 177.8879

■ 20.6160, 23.2603,
31.3793

166.0064,
180.8907, 219.8781

■ 12.9545, 14.7858,
20.6270

204.2693,
222.0662, 268.0050

■ 7.4740, 8.6692,
12.6630

248.0013,
269.0592, 322.6872

■ 3.8092, 4.5261,
7.0689

297.5680,

■ 1.5948, 1.9720,

322.2539, 384.3432

3.4261

353.3347,
382.0348, 453.3915

■ 0.3890, 0.5911,
1.3161

■ 0.0000, 0.0000,
0.0750

■ 60.3406, 66.6748,
84.5521

■ 60.3406, 66.6748,
84.5521

■ 53.3720, 60.5455,
83.7374

■ 68.2888, 73.4178,
85.4358

■ 47.3336, 54.9980,
82.9849

■ 77.2511, 80.7883,
86.3861

■ 42.1808, 50.0097,
82.2936

■ 86.1545, 88.2359,
87.3543

■ 37.8622, 45.5530,
81.6610

■ 88.1529, 92.2328,
88.0205

■ 34.3214, 41.5973,
81.0841

■ 90.2254, 96.3777,
88.7113

■ 31.4941, 38.1084,
80.5597

■ 91.2831, 98.4932,
89.0639

■ 29.3049, 35.0458,
80.0839

■ 27.6505, 32.3550,
79.6517

■ 27.3271, 31.8012,
79.5619

Harmonies

Analogous

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



58.8346, 66.6748, 78.1525



60.3406, 66.6748, 84.5521



62.6882, 66.6748, 87.7936

Triad

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



60.3406, 66.6748, 84.5521



68.4773, 66.6748, 74.5818



61.4990, 66.6748, 60.0764

Complementary

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



60.3406, 66.6748, 84.5521



62.7056, 62.2704, 56.8599

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.



64.0615, 66.6748, 59.2647



60.3406, 66.6748, 84.5521



68.1377, 66.6748, 67.3122

Square

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



60.3406, 66.6748, 84.5521



67.4196, 66.6748, 81.7851



66.5041, 66.6748, 61.8265



59.4905, 66.6748, 64.1252

Rectangle

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



60.3406, 66.6748, 84.5521



64.4341, 66.6748, 87.5821



66.5041, 66.6748, 61.8265



62.3224, 66.6748, 59.4277

Sweetspot

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



60.3426, 66.6775, 84.5536



89.3352, 95.3042, 108.2948



59.7819, 71.6127, 65.6953



18.9551, 20.2613, 23.1617



0.0000, 0.0000, 0.0000



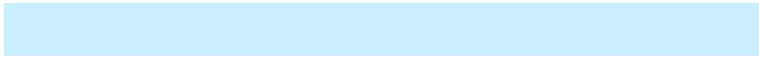
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3426, 66.6775, 84.5536



73.2219, 81.6267, 106.5041



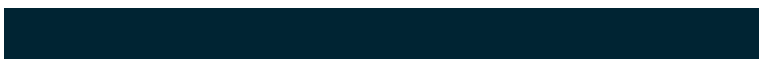
55.4379, 56.8682, 82.9187



14.4326, 15.5866, 18.3922



15.5814, 18.2250, 45.0797



1.2307, 1.5054, 3.3577

Inverse Universe

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



63.4872, 58.2816, 74.2361



77.8606, 69.4950, 91.2278



67.7068, 72.2728, 58.5270



14.8059, 14.5396, 17.1785



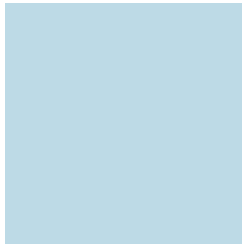
22.2583, 11.0375, 20.7870



1.6849, 0.8317, 1.7469

Previews

White Background



This preview shows how the XYZ color 60.3406, 66.6748, 84.5521 looks on a white background.

Color Contrast Check

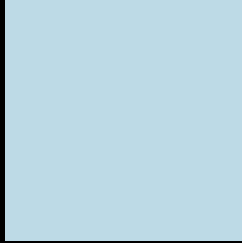
Large Text (above 18pt) WCAG AA × Fail

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 60.3406, 66.6748, 84.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

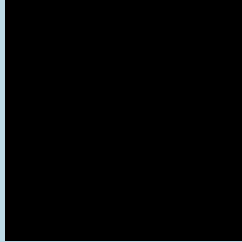
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3406, 66.6748, 84.5521

Background



This preview shows how black text looks on a background with the XYZ color 60.3406, 66.6748, 84.5521.

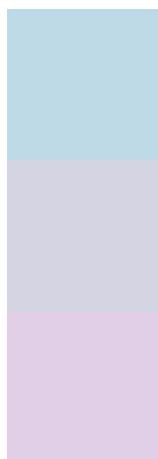


This preview shows how white text looks on a background with the XYZ color 60.3406, 66.6748,

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

60.3406, 66.6748, 84.5521

Protanopia

64.7115, 66.7241, 81.4199

Deuteranopia

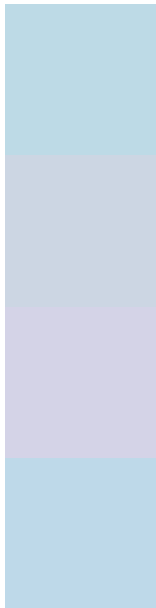
67.9296, 66.4594, 85.5916



Tritanopia

61.0435, 66.5710, 88.2294

Trichromacy



Original Color

60.3406, 66.6748, 84.5521

Protanomaly

62.8135, 66.4766, 82.1937

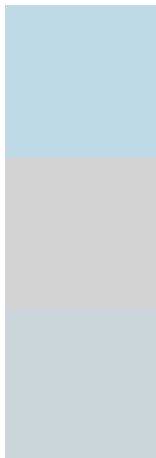
Deuteranomaly

64.8694, 66.3551, 84.9901

Tritanomaly

60.7560, 66.4561, 86.7159

Monochromacy



Original Color

60.3406, 66.6748, 84.5521

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3301, 65.8516, 75.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3406, 66.6748, 84.5521 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(189, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(189, 218, 230)  
}
```

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(189, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 218, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.3406, 66.6748, 84.5521 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(189, 218, 230) }
```


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

```
.border{ border-color:rgb(189, 218, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(189, 218,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3406, 66.6748, 84.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 218, 230) }
```

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

```
.background{ background-color: rgb(189,  
218, 230) }
```

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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