

Converting Colors

XYZ(60.3597, 64.5942, 86.0337)

Have a look what the booklet for
XYZ(60.3597, 64.5942, 86.0337)
contains.

XYZ(60.4945, 64.8091, 86.4118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.4945, 64.8091,
86.4118)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D5E9
RGB	193, 213, 233
RGB Percent	76%, 84%, 91%
CMY	0.2431, 0.1647, 0.0863
CMYK	0.17, 0.09, 0.00, 0.09
HSL	210°, 48%, 84%
HSV	210°, 17%, 91%
XYZ	60.4945, 64.8091, 86.4118
YIQ	209.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

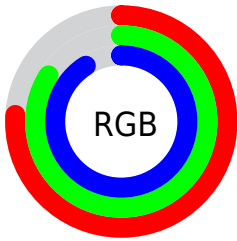
Format	Color
R _Y B	193, 206, 233
Decimal	12703209
CIE Lab	84.39, -2.60, -12.09
CIE LCh	84, 12.367, 257.855
Yxy	64.8091, 0.2857, 0.3061
Android (android.graphics.Color)	4290893289 (0xFFC1D5E9)
YUV	209.3000, 11.6841, -14.2951
Hunter-Lab	80.5041, -6.7490, -7.2881

Details

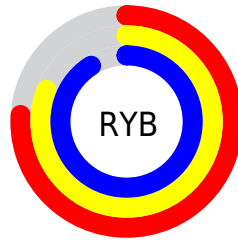
The XYZ color **60.4945, 64.8091, 86.4118** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0246, 68.7623, 60.1932**, and the grayscale version is **60.7364, 63.8994, 69.5864**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **30.8101, 33.1170, 46.3633** is the 20% darker color. If you saturate the color by 10%, you get **52.1911, 56.3356, 85.2149**, and if you desaturate by 10%, it is **69.9480, 74.1913, 87.7255**.

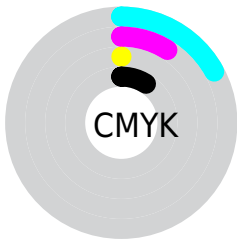
Distribution



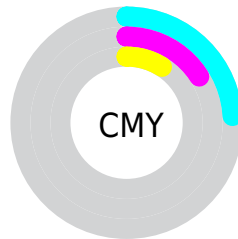
- Red (76%)
- Green (84%)
- Blue (91%)



- Red (76%)
- Yellow (81%)
- Blue (91%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4945, 64.8091, 86.4118 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 60.4945, 64.8091, 86.4118 by changing the saturation by 10% instead.

■ 60.4945, 64.8091,
86.4118

■ 60.4945, 64.8091,
86.4118

416.2237,
442.1056, 536.5540

■ 44.0683, 47.3063,
64.4517

■ 104.6489,
111.7754, 144.2356

■ 30.9224, 33.2779,
46.5681

133.1079,
142.0076, 180.9364

■ 20.6913, 22.3394,
32.3425

166.3085,
177.2518, 223.3879

■ 13.0097, 14.1065,
21.3562

204.6161,
217.8923, 272.0086

■ 7.5123, 8.1948,
13.1909

248.3961,
264.3136, 327.2170

■ 3.8336, 4.2198,
7.4278

298.0138,

■ 1.6085, 1.7973,

316.8999, 389.4317

3.6486

353.8345,
376.0358, 459.0712

■ 0.3979, 0.4855,
1.4346

■ 0.0000, 0.0000,
0.1685

■ 60.4945, 64.8091,
86.4118

■ 60.4945, 64.8091,
86.4118

■ 52.1911, 56.3356,
85.2149

■ 69.9480, 74.1913,
87.7255

■ 44.9840, 48.7315,
84.1270

■ 80.5909, 84.5037,
89.1551

■ 38.8233, 41.9660,
83.1459

■ 89.5002, 94.2473,
90.5662

■ 33.6527, 36.0032,
82.2675

■ 91.7082, 98.6633,
91.3022

■ 29.4104, 30.8039,
81.4875

■ 26.0265, 26.3246,
80.8013

■ 23.4196, 22.5156,
80.2034

■ 21.4852, 19.3147,
79.6876

■ 21.0133, 18.4934,
79.5539

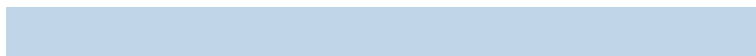
Harmonies

Analogous

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



58.1224, 64.8091, 82.3868



60.4945, 64.8091, 86.4118



63.2328, 64.8091, 85.9662

Triad

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



60.4945, 64.8091, 86.4118



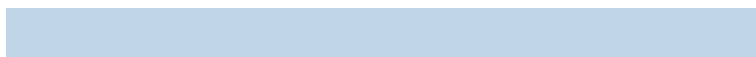
66.7647, 64.8091, 66.0289



57.7652, 64.8091, 60.8945

Complementary

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



60.4945, 64.8091, 86.4118



67.0246, 68.7623, 60.1932

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.



59.9938, 64.8091, 57.1246



60.4945, 64.8091, 86.4118



65.2118, 64.8091, 59.9339

Square

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



60.4945, 64.8091, 86.4118



66.9085, 64.8091, 73.7968



62.7171, 64.8091, 56.7865



56.5783, 64.8091, 67.4311

Rectangle

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



60.4945, 64.8091, 86.4118



64.8976, 64.8091, 83.1966



62.7171, 64.8091, 56.7865



58.4143, 64.8091, 59.2834

Sweetspot

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



60.4964, 64.8118, 86.4133



88.5140, 93.6618, 108.0211



63.0582, 74.3868, 73.5438



18.7554, 19.8618, 23.0951



0.0000, 0.0000, 0.0000



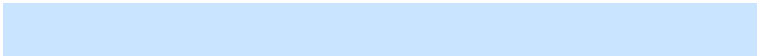
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4964, 64.8118, 86.4133



70.0649, 75.3126, 105.4517



55.9192, 55.6574, 84.8875



14.8535, 15.7935, 19.1878



12.0473, 10.7415, 45.1813



1.0422, 1.0359, 3.5799

Inverse Universe

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



64.6860, 60.2691, 71.1775



76.2671, 68.8576, 82.8364



72.1815, 79.0761, 61.9122



15.3796, 15.1797, 17.2844



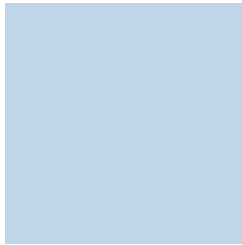
20.9362, 10.5772, 10.7313



1.6926, 0.8500, 1.0984

Previews

White Background



This preview shows how the XYZ color 60.4945, 64.8091, 86.4118 looks on a white background.

Color Contrast Check

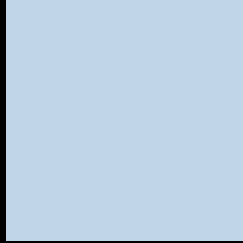
Large Text (above 18pt) WCAG AA × Fail

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 60.4945, 64.8091, 86.4118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

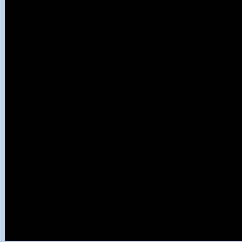
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

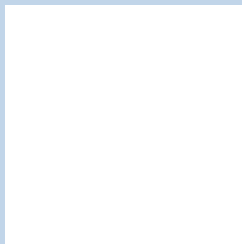
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4945, 64.8091, 86.4118

Background



This preview shows how black text looks on a background with the XYZ color 60.4945, 64.8091, 86.4118.



This preview shows how white text looks on a background with the XYZ color 60.4945, 64.8091,

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

60.4945, 64.8091, 86.4118

Protanopia

63.0958, 64.7240, 84.0304

Deuteranopia

66.0401, 64.7209, 87.6089



Tritanopia

60.0695, 64.6391, 84.1735

Trichromacy



Original Color

60.4945, 64.8091, 86.4118

Protanomaly

62.0990, 64.5592, 84.7895

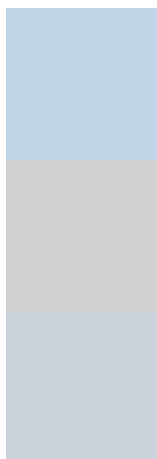
Deuteranomaly

63.9855, 64.7539, 86.9683

Tritanomaly

60.2104, 64.6955, 84.9154

Monochromacy



Original Color

60.4945, 64.8091, 86.4118

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3301, 63.8517, 75.4745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4945, 64.8091, 86.4118 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(193, 213, 233)` looks like.

```
.text, #text, p{  
    color:rgb(193, 213, 233)  
}
```

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(193, 213, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 213, 233) }
```

Border

The CSS property to change the border of an element to XYZ 60.4945, 64.8091, 86.4118 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(193, 213, 233) }
```


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

```
.border{ border-color:rgb(193, 213, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 213, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 213, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 213, 233);  
box-shadow:4px 4px 4px 4px rgb(193, 213,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4945, 64.8091, 86.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 213, 233) }
```

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

```
.background{ background-color: rgb(193,  
213, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor