

Converting Colors

XYZ(65.4490, 66.1423, 59.5365)

Have a look what the booklet for
XYZ(65.4490, 66.1423, 59.5365)
contains.

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Color

**XYZ(65.4602, 66.1178,
59.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D0C1
RGB	232, 208, 193
RGB Percent	91%, 82%, 76%
CMY	0.0902, 0.1843, 0.2431
CMYK	0.00, 0.10, 0.17, 0.09
HSL	23°, 46%, 83%
HSV	23°, 17%, 91%
XYZ	65.4602, 66.1178, 59.7640
YIQ	213.4660, 19.1190, 0.4230

Conversions

Conversions Part 2

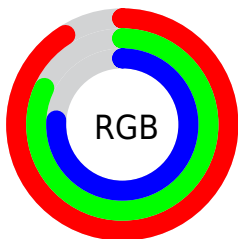
Format	Color
R _Y B	232, 217, 193
Decimal	15257793
CIE Lab	85.06, 5.96, 10.48
CIE LCh	85, 12.060, 60.358
Yxy	66.1178, 0.3421, 0.3455
Android (android.graphics.Color)	4293447873 (0xFFE8D0C1)
YUV	213.4660, -10.0897, 16.2543
Hunter-Lab	81.3129, 1.4024, 13.3415

Details

The XYZ color **65.4602, 66.1178, 59.7640** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3703, 66.7878, 86.0012**, and the grayscale version is **63.6159, 66.9289, 72.8856**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **34.1203, 34.2054, 29.2301** is the 20% darker color. If you saturate the color by 10%, you get **59.7479, 58.5148, 46.0773**, and if you desaturate by 10%, it is **71.8954, 74.5156, 75.6962**.

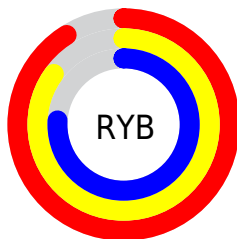
Distribution



Red (91%)

Green (82%)

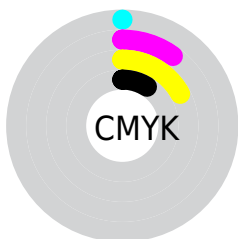
Blue (76%)



Red (91%)

Yellow (85%)

Blue (76%)

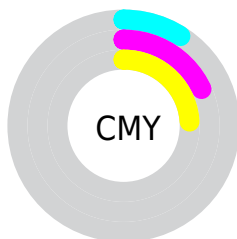


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4602, 66.1178, 59.7640 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 65.4602, 66.1178, 59.7640 by changing the saturation by 10% instead.


 65.4602, 66.1178,
59.7640

 65.4602, 66.1178,
59.7640


433.9630,
446.7981, 441.5078

 48.1004, 48.3680,
42.8044


 111.7733,
113.6554, 106.0273

 34.1180, 34.1184,
29.4014


141.4572,
144.2120, 136.1680

 23.1476, 22.9846,
19.1365


175.9800,
179.8064, 171.5395

 14.8238, 14.5821,
11.5911

215.7069,
220.8229, 212.5604

 8.7813, 8.5266,
6.3468

261.0033,
267.6459, 259.6491

 4.6548, 4.4337,
2.9849

312.2346,

 2.0788, 1.9190,

320.6598, 313.2242

1.0869

369.7660,
380.2491, 373.7042

■ 0.6777, 0.5598,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4602, 66.1178,
59.7640

■ 65.4602, 66.1178,
59.7640

■ 59.7479, 58.5148,
46.0773

■ 71.8954, 74.5156,
75.6962

■ 54.7260, 51.6737,
34.5298

■ 79.0736, 83.7223,
93.9653

■ 50.3674, 45.5723,
25.0126

■ 85.7726, 93.2633,
108.0887

■ 46.6408, 40.1837,
17.4057

■ 87.0889, 95.8959,
108.5274

■ 43.5122, 35.4792,
11.5762

■ 40.9439, 31.4280,
7.3738

■ 38.8926, 27.9959,
4.6228

■ 37.3054, 25.1440,
3.0996

■ 36.8727, 24.3436,
2.7554

Harmonies

Analogous

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



67.4557, 66.1178, 64.6969



65.4602, 66.1178, 59.7640



62.8104, 66.1178, 58.0527

Triad

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



65.4602, 66.1178, 59.7640



57.7663, 66.1178, 72.0844



65.5182, 66.1178, 85.6766

Complementary

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



65.4602, 66.1178, 59.7640



61.3703, 66.7878, 86.0012

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.



62.8756, 66.1178, 87.9989



65.4602, 66.1178, 59.7640



58.4455, 66.1178, 79.8138

Square

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



65.4602, 66.1178, 59.7640



58.4145, 66.1178, 64.8475



60.2965, 66.1178, 85.7814



67.4898, 66.1178, 79.6409

Rectangle

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



65.4602, 66.1178, 59.7640



61.0445, 66.1178, 58.8652



60.2965, 66.1178, 85.7814



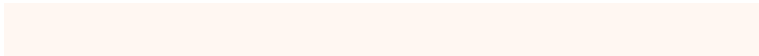
64.6764, 66.1178, 86.9360

Sweetspot

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



65.4620, 66.1208, 59.7654



90.6129, 94.3024, 97.6278



64.8803, 60.3090, 73.9017



19.2655, 20.0176, 20.5700



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.



65.4620, 66.1208, 59.7654



78.6930, 78.7275, 68.1751



70.4973, 76.1913, 61.4438



14.8293, 15.2725, 15.0708



20.5832, 13.7405, 1.5673



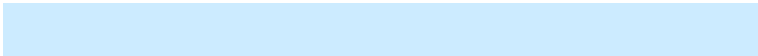
1.6088, 1.1909, 0.1451

Inverse Universe

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



61.3703, 66.7878, 86.0012



72.7687, 79.6912, 106.1544



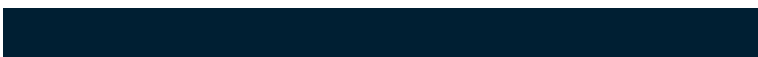
56.6500, 57.3473, 84.4278



14.3174, 15.3563, 18.3538



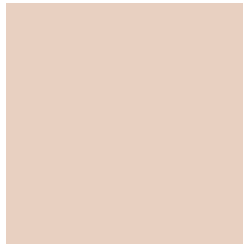
13.6433, 14.3488, 44.4337



1.0975, 1.2389, 3.3133

Previews

White Background



This preview shows how the XYZ color 65.4602, 66.1178, 59.7640 looks on a white background.

Color Contrast Check

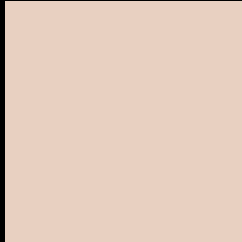
Large Text (above 18pt) WCAG AA × Fail

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 65.4602, 66.1178, 59.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

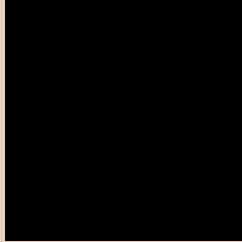
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4602, 66.1178, 59.7640

Background



This preview shows how black text looks on a background with the XYZ color 65.4602, 66.1178, 59.7640.



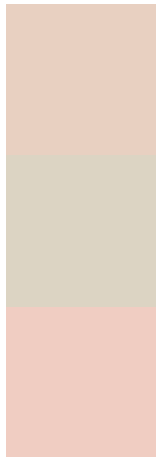
This preview shows how white text looks on a background with the XYZ color 65.4602, 66.1178,

59.7640.

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

65.4602, 66.1178, 59.7640

Protanopia

62.9090, 66.2427, 61.1002

Deuteranopia

67.5041, 66.0830, 60.2364



Tritanopia

68.7721, 66.0152, 76.8277

Trichromacy



Original Color

65.4602, 66.1178, 59.7640

Protanomaly

63.7723, 66.3309, 60.4809

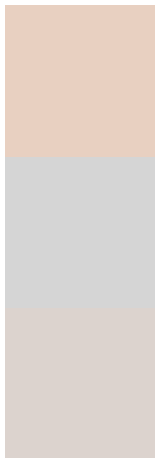
Deuteranomaly

66.7340, 66.0422, 60.2691

Tritanomaly

67.3959, 65.8082, 70.1229

Monochromacy



Original Color

65.4602, 66.1178, 59.7640

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9500, 66.2604, 67.8115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4602, 66.1178, 59.7640 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(232, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(232, 208, 193)  
}
```

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(232, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 208, 193) }
```

Border

The CSS property to change the border of an element to XYZ 65.4602, 66.1178, 59.7640 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(232, 208, 193) }
```


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

```
.border{ border-color:rgb(232, 208, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 208, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 208, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 208, 193); box-shadow:4px 4px 4px 4px rgb(232, 208, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4602, 66.1178, 59.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 208, 193) }
```

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

```
.background{ background-color: rgb(232,  
208, 193) }
```

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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