

Converting Colors

XYZ(65.2198, 67.1831, 66.6569)

Have a look what the booklet for
XYZ(65.2198, 67.1831, 66.6569)
contains.

XYZ(65.1830, 67.2939, 66.6802)	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(65.1830, 67.2939,
66.6802)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D4CC
RGB	224, 212, 204
RGB Percent	88%, 83%, 80%
CMY	0.1216, 0.1686, 0.2000
CMYK	0.00, 0.05, 0.09, 0.12
HSL	24°, 24%, 84%
HSV	24°, 9%, 88%
XYZ	65.1830, 67.2939, 66.6802
YIQ	214.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

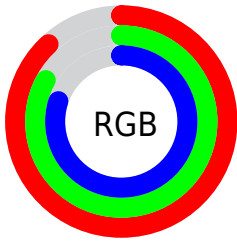
Format	Color
R _Y B	224, 217, 204
Decimal	14734540
CIE Lab	85.65, 2.77, 5.42
CIE LCh	86, 6.090, 62.909
Yxy	67.2939, 0.3273, 0.3379
Android (android.graphics.Color)	4292924620 (0xFFE0D4CC)
YUV	214.6760, -5.2633, 8.1771
Hunter-Lab	82.0329, -1.7221, 9.2293

Details

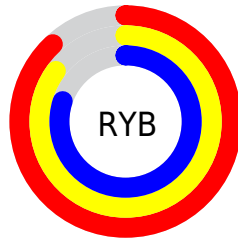
The XYZ color **65.1830, 67.2939, 66.6802** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9120, 67.3296, 80.2017**, and the grayscale version is **64.4036, 67.7576, 73.7881**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9242, 34.7510, 33.7738** is the 20% darker color. If you saturate the color by 10%, you get **59.4678, 59.8577, 52.4597**, and if you desaturate by 10%, it is **71.5679, 75.4496, 83.0319**.

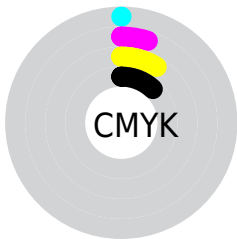
Distribution



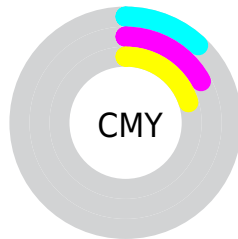
- Red (88%)
- Green (83%)
- Blue (80%)



- Red (88%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1830, 67.2939, 66.6802 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 65.1830, 67.2939, 66.6802 by changing the saturation by 10% instead.

■ 65.1830, 67.2939,
66.6802

■ 65.1830, 67.2939,
66.6802

432.9841,
450.9902, 467.2761

■ 47.8747, 49.3235,
48.3648

111.3772,
115.3414, 116.0983

■ 33.9385, 34.8762,
33.7538

140.9938,
146.1874, 148.0382

■ 23.0090, 23.5675,
22.4287

175.4439,
182.0939, 185.3566

■ 14.7209, 15.0131,
13.9709

215.0928,
223.4456, 228.4721

■ 8.7088, 8.8286,
7.9619

260.3059,
270.6266, 277.8033

■ 4.6073, 4.6295,
3.9832

311.4486,

■ 2.0511, 2.0316,

324.0214, 333.7686

1.6161

368.8862,
384.0145, 396.7867

■ 0.6624, 0.6257,
0.3023

■ 0.0000, 0.0000,
0.0000

■ 65.1830, 67.2939,
66.6802

■ 65.1830, 67.2939,
66.6802

■ 59.4678, 59.8577,
52.4597

■ 71.5679, 75.4496,
83.0319

■ 54.3934, 53.1120,
40.2773

■ 78.6389, 84.3351,
101.5940

■ 49.9373, 47.0387,
30.0396

■ 83.6990, 92.8840,
108.1247

■ 46.0729, 41.6155,
21.6438

■ 84.5507, 94.5874,
108.4086

■ 42.7718, 36.8187,
14.9779

■ 40.0030, 32.6232,
9.9170

■ 37.7314, 29.0014,
6.3198

■ 35.9172, 25.9230,
4.0191

■ 34.5025, 23.3499,
2.7574

Harmonies

Analogous

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



66.2259, 67.2939, 69.1999



65.1830, 67.2939, 66.6802



63.8256, 67.2939, 65.9056

Triad

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



65.1830, 67.2939, 66.6802



61.3343, 67.2939, 73.6599



65.4207, 67.2939, 79.8724

Complementary

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



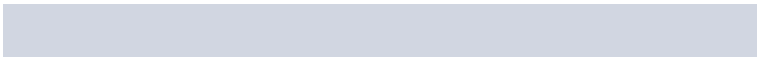
65.1830, 67.2939, 66.6802



62.9120, 67.3296, 80.2017

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.



64.0963, 67.2939, 81.1670



65.1830, 67.2939, 66.6802



61.7480, 67.2939, 77.5000

Square

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



65.1830, 67.2939, 66.6802



61.6159, 67.2939, 69.8482



62.7540, 67.2939, 80.2837



66.3645, 67.2939, 76.8051

Rectangle

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



65.1830, 67.2939, 66.6802



62.9283, 67.2939, 66.4593



62.7540, 67.2939, 80.2837



65.0046, 67.2939, 80.5343

Sweetspot

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



65.1849, 67.2969, 66.6816



92.3962, 96.6243, 102.0597



64.7288, 63.9918, 73.9066



19.6278, 20.4917, 21.4634



0.0000, 0.0000, 0.0000



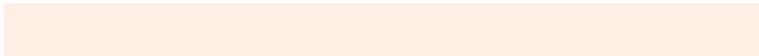
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1849, 67.2969, 66.6816



85.7240, 88.0549, 85.1150



67.7615, 72.4502, 67.5405



14.1552, 14.5963, 14.3781



20.1095, 13.6570, 1.5762



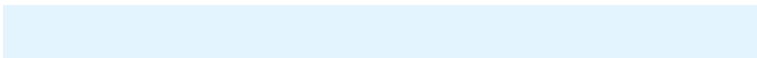
1.4798, 1.1184, 0.1379

Inverse Universe

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



62.9120, 67.3296, 80.2017



81.9955, 88.1082, 107.2927



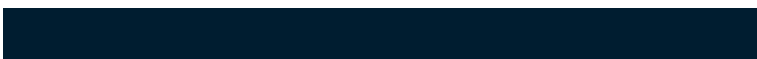
60.4286, 62.3627, 79.3739



13.6324, 14.6038, 17.4880



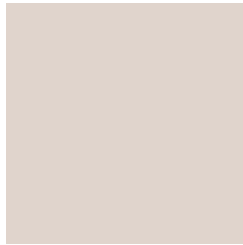
12.9375, 13.3446, 42.9422



0.9837, 1.0988, 3.0055

Previews

White Background



This preview shows how the XYZ color 65.1830, 67.2939, 66.6802 looks on a white background.

Color Contrast Check

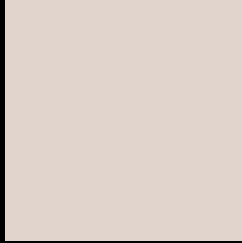
Large Text (above 18pt) WCAG AA × Fail

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 65.1830, 67.2939, 66.6802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

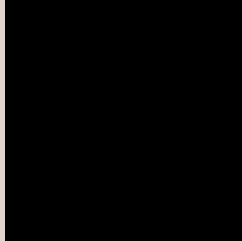
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1830, 67.2939, 66.6802

Background



This preview shows how black text looks on a background with the XYZ color 65.1830, 67.2939, 66.6802.

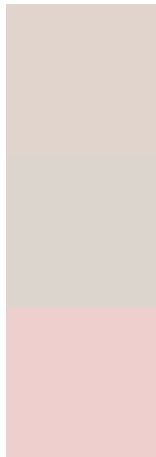


This preview shows how white text looks on a background with the XYZ color 65.1830, 67.2939, 66.6802.

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

65.1830, 67.2939, 66.6802

Protanopia

64.3289, 67.2119, 67.3403

Deuteranopia

68.5922, 67.2106, 67.1153



Tritanopia

68.0696, 67.3681, 80.6498

Trichromacy



Original Color

65.1830, 67.2939, 66.6802

Protanomaly

64.6325, 67.3684, 67.3545

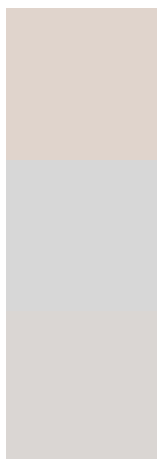
Deuteranomaly

67.4242, 67.3323, 67.2004

Tritanomaly

66.9350, 67.2717, 75.1025

Monochromacy



Original Color

65.1830, 67.2939, 66.6802

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7179, 67.7017, 71.2848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1830, 67.2939, 66.6802 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(224, 212, 204) looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 204)  
}
```

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(224, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 204) }
```

Border

The CSS property to change the border of an element to XYZ 65.1830, 67.2939, 66.6802 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(224, 212, 204) }
```


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

```
.border{ border-color:rgb(224, 212, 204) }
```

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

Here you see how a box with a 4 pixel rgb(224, 212, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1830, 67.2939, 66.6802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 204) }
```

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

```
.background{ background-color: rgb(224,  
212, 204) }
```

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