

Converting Colors

XYZ(65.7471, 66.3271, 63.8351)

Have a look what the booklet for
XYZ(65.7471, 66.3271, 63.8351)
contains.

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Color

**XYZ(65.6143, 66.1049,
63.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D0C8
RGB	230, 208, 200
RGB Percent	90%, 82%, 78%
CMY	0.0980, 0.1843, 0.2157
CMYK	0.00, 0.10, 0.13, 0.10
HSL	16°, 37%, 84%
HSV	16°, 13%, 90%
XYZ	65.6143, 66.1049, 63.9449
YIQ	213.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

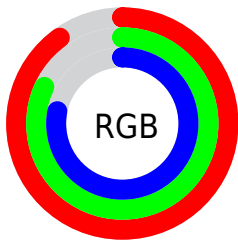
Format	Color
R _Y B	230, 211, 200
Decimal	15126728
CIE Lab	85.05, 6.34, 6.74
CIE LCh	85, 9.251, 46.745
Yxy	66.1049, 0.3353, 0.3378
Android (android.graphics.Color)	4293316808 (0xFFE6D0C8)
YUV	213.6660, -6.7373, 14.3249
Hunter-Lab	81.3049, 1.7686, 10.2829

Details

The XYZ color **65.6143, 66.1049, 63.9449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2232, 70.2335, 85.0349**, and the grayscale version is **63.7300, 67.0490, 73.0163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1995, 34.1852, 31.9900** is the 20% darker color. If you saturate the color by 10%, you get **59.2312, 57.3212, 49.5380**, and if you desaturate by 10%, it is **72.8427, 75.9306, 80.6301**.

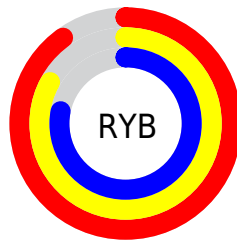
Distribution



Red (90%)

Green (82%)

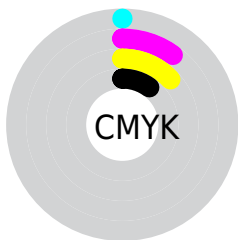
Blue (78%)



Red (90%)

Yellow (83%)

Blue (78%)

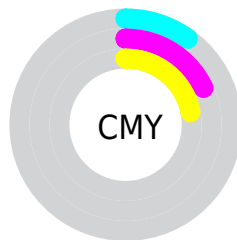


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6143, 66.1049, 63.9449 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 65.6143, 66.1049, 63.9449 by changing the saturation by 10% instead.

65.6143, 66.1049,
63.9449

65.6143, 66.1049,
63.9449

434.5066,
446.7519, 457.1926

48.2259, 48.3576,
46.1601

111.9934,
113.6369, 112.1303

34.2178, 34.1101,
32.0226

141.7148,
144.1903, 143.3680

23.2247, 22.9782,
21.1138

176.2779,
179.7812, 179.9271

14.8811, 14.5774,
13.0152

216.0481,
220.7940, 222.2262

8.8217, 8.5234,
7.3081

261.3907,
267.6131, 270.6837

4.6813, 4.4316,
3.5742

312.6711,

2.0943, 1.9178,

320.6229, 325.7183

1.3948

370.2546,
380.2077, 387.7484

■ 0.6861, 0.5591,
0.1376

■ 0.0000, 0.0000,
0.0000

■ 65.6143, 66.1049,
63.9449

■ 65.6143, 66.1049,
63.9449

■ 59.2312, 57.3212,
49.5380

■ 72.8427, 75.9306,
80.6301

■ 53.6562, 49.5362,
37.3059

■ 80.9407, 86.8222,
99.6825

■ 48.8576, 42.7166,
27.1433

■ 86.4433, 95.5631,
108.4972

■ 44.7992, 36.8238,
18.9343

■ 41.4418, 31.8164,
12.5515

■ 38.7424, 27.6499,
7.8526

■ 36.6525, 24.2755,
4.6734

■ 35.1159, 21.6386,
2.8161

■ 34.3217, 20.1999,
2.0900

Harmonies

Analogous

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



66.7431, 66.1049, 68.7237



65.6143, 66.1049, 63.9449



63.7532, 66.1049, 61.3833

Triad

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



65.6143, 66.1049, 63.9449



59.0138, 66.1049, 69.3799



63.9913, 66.1049, 83.5246

Complementary

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



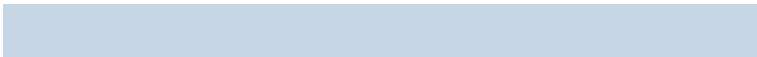
65.6143, 66.1049, 63.9449



64.2232, 70.2335, 85.0349

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.



61.9172, 66.1049, 83.7244



65.6143, 66.1049, 63.9449



59.0743, 66.1049, 75.3314

Square

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



65.6143, 66.1049, 63.9449



59.9597, 66.1049, 64.4024



60.1270, 66.1049, 80.6550



65.7920, 66.1049, 80.1234

Rectangle

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



65.6143, 66.1049, 63.9449



62.3617, 66.1049, 61.1802



60.1270, 66.1049, 80.6550



63.3021, 66.1049, 83.9747

Sweetspot

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



65.6161, 66.1078, 63.9463



91.1114, 94.6813, 99.6994



66.4729, 63.4064, 77.8430



19.3473, 20.0568, 20.9810



0.0000, 0.0000, 0.0000



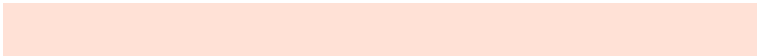
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6161, 66.1078, 63.9463



80.3516, 80.0221, 74.9632



69.4468, 73.7691, 65.2232



14.6882, 14.9903, 15.0237



19.5168, 11.6077, 1.2119



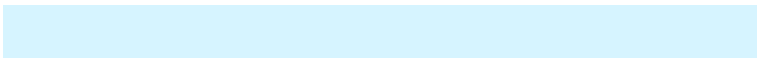
1.5170, 1.0074, 0.1145

Inverse Universe

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



64.2232, 70.2335, 85.0349



78.2250, 86.3163, 107.1456



60.4160, 62.6191, 83.7658



14.4651, 15.6516, 18.4030



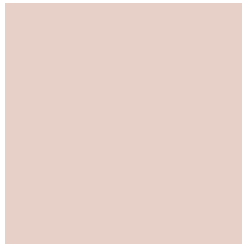
16.1856, 19.4333, 45.2811



1.2714, 1.5867, 3.3712

Previews

White Background



This preview shows how the XYZ color 65.6143, 66.1049, 63.9449 looks on a white background.

Color Contrast Check

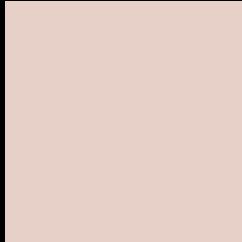
Large Text (above 18pt) WCAG AA × Fail

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 65.6143, 66.1049, 63.9449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

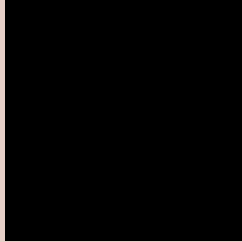
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6143, 66.1049, 63.9449

Background



This preview shows how black text looks on a background with the XYZ color 65.6143, 66.1049, 63.9449.

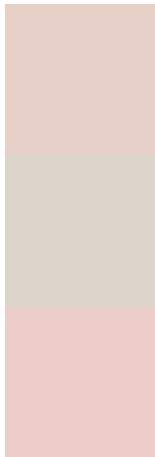


This preview shows how white text looks on a background with the XYZ color 65.6143, 66.1049,

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

65.6143, 66.1049, 63.9449

Protanopia

63.4176, 66.4113, 65.3533

Deuteranopia

67.2990, 65.8842, 64.4282



Tritanopia

68.4867, 66.2067, 77.5762

Trichromacy



Original Color

65.6143, 66.1049, 63.9449

Protanomaly

64.2683, 66.4936, 64.7056

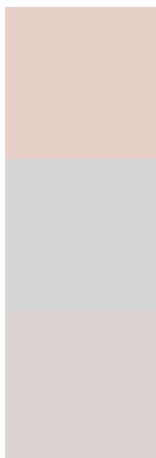
Deuteranomaly

66.5456, 65.8521, 64.4617

Tritanomaly

67.3603, 66.1025, 72.1596

Monochromacy



Original Color

65.6143, 66.1049, 63.9449

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.5673, 66.9061, 69.8327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6143, 66.1049, 63.9449 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(230, 208, 200) looks like.

```
.text, #text, p{  
    color:rgb(230, 208, 200)  
}
```

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(230, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 208, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.6143, 66.1049, 63.9449 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(230, 208, 200) }
```


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

```
.border{ border-color:rgb(230, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(230, 208,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6143, 66.1049, 63.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 208, 200) }
```

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

```
.background{ background-color: rgb(230,  
208, 200) }
```

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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