

Converting Colors

XYZ(64.3420, 64.7891, 68.3322)

Have a look what the booklet for
XYZ(64.3420, 64.7891, 68.3322)
contains.

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Color

**XYZ(64.0743, 64.4949,
68.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CECF
RGB	224, 206, 207
RGB Percent	88%, 81%, 81%
CMY	0.1216, 0.1921, 0.1882
CMYK	0.00, 0.08, 0.08, 0.12
HSL	357°, 22%, 84%
HSV	357°, 8%, 88%
XYZ	64.0743, 64.4949, 68.1032
YIQ	211.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

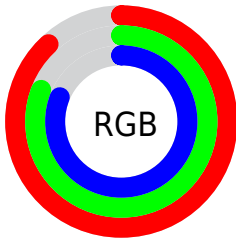
Format	Color
R_{YB}	224, 206, 207
Decimal	14733007
CIE _{Lab}	84.22, 6.42, 1.76
CIE _{LCh}	84, 6.656, 15.308
Y _{xy}	64.4949, 0.3258, 0.3279
Android (android.graphics.Color)	4292923087 (0xFFE0CECF)
YUV	211.4960, -2.2165, 10.9660
Hunter-Lab	80.3087, 1.8759, 5.9371

Details

The XYZ color **64.0743, 64.4949, 68.1032** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4310, 71.7625, 80.2186**, and the grayscale version is **62.2559, 65.4980, 71.3273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3402, 33.1914, 34.7864** is the 20% darker color. If you saturate the color by 10%, you get **56.6455, 53.5031, 53.7076**, and if you desaturate by 10%, it is **72.6220, 77.1681, 84.5838**.

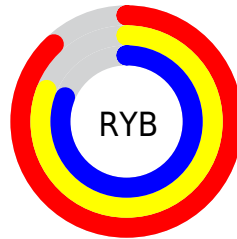
Distribution



Red (88%)

Green (81%)

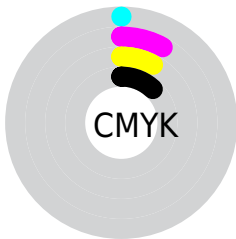
Blue (81%)



Red (88%)

Yellow (81%)

Blue (81%)

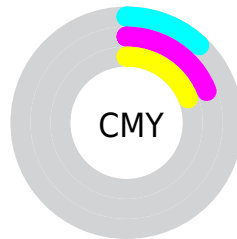


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0743, 64.4949, 68.1032 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 64.0743, 64.4949, 68.1032 by changing the saturation by 10% instead.

64.0743, 64.4949,
68.1032

64.0743, 64.4949,
68.1032

429.0559,
440.9746, 472.4696

46.9728, 47.0516,
49.5145

109.7911,
111.3234, 118.1554

33.2220, 33.0765,
34.6593

139.1370,
141.4774, 150.4559

22.4566, 22.1850,
23.1191

173.2951,
176.6370, 188.1641

14.3113, 13.9929,
14.4753

212.6308,
217.1868, 231.6986

8.4206, 8.1157,
8.3095

257.5093,
263.5110, 281.4778

4.4193, 4.1691,
4.2030

308.2961,

1.9420, 1.7686,

315.9942, 337.9204

1.7374

365.3565,
375.0206, 401.4448

■ 0.6011, 0.4675,
0.3862

■ 0.0000, 0.0000,
0.0000

■ 64.0743, 64.4949,
68.1032

■ 64.0743, 64.4949,
68.1032

■ 56.6455, 53.5031,
53.7076

■ 72.6220, 77.1681,
84.5838

■ 50.2841, 44.1140,
41.3100

■ 82.3264, 91.5801,
103.2235

■ 44.9428, 36.2553,
30.8233

■ 84.5509, 94.5875,
108.4086

■ 40.5683, 29.8459,
22.1525

■ 37.1028, 24.7973,
15.1944

■ 34.4822, 21.0110,
9.8354

■ 32.6341, 18.3758,
5.9483

■ 31.4737, 16.7606,
3.3864

■ 30.8864, 15.9822,
1.9694

Harmonies

Analogous

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



64.0824, 64.4949, 72.3023



64.0743, 64.4949, 68.1032



63.3150, 64.4949, 64.6115

Triad

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



64.0743, 64.4949, 68.1032



59.3081, 64.4949, 64.6699



60.5846, 64.4949, 78.3699

Complementary

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



64.0743, 64.4949, 68.1032



65.4310, 71.7625, 80.2186

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.



59.3292, 64.4949, 76.1524



64.0743, 64.4949, 68.1032



58.6002, 64.4949, 68.1859

Square

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



64.0743, 64.4949, 68.1032



60.5554, 64.4949, 62.6840



58.6079, 64.4949, 72.3883



62.0516, 64.4949, 78.3455

Rectangle

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



64.0743, 64.4949, 68.1032



62.4918, 64.4949, 63.1059



58.6079, 64.4949, 72.3883



60.1244, 64.4949, 77.8582

Sweetspot

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



64.0761, 64.4977, 68.1046



92.6785, 96.4827, 104.3308



65.8976, 65.1835, 79.6304



19.8618, 20.6881, 22.3790



0.0000, 0.0000, 0.0000



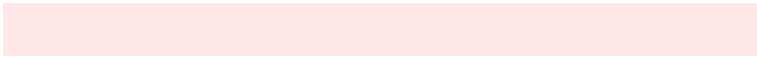
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0761, 64.4977, 68.1046



83.8092, 83.3403, 87.2049



65.8790, 68.2977, 68.1065



13.7378, 13.7128, 14.3897



17.9466, 9.2456, 1.1184



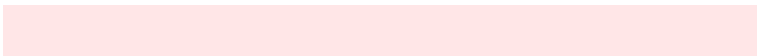
1.2550, 0.6453, 0.1354

Inverse Universe

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



64.0761, 64.4977, 68.1046



83.8092, 83.3403, 87.2049



63.5177, 67.7203, 80.2455



13.7378, 13.7128, 14.3897



17.9466, 9.2456, 1.1184



1.2550, 0.6453, 0.1354

Previews

White Background



This preview shows how the XYZ color 64.0743, 64.4949, 68.1032 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 64.0743, 64.4949, 68.1032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

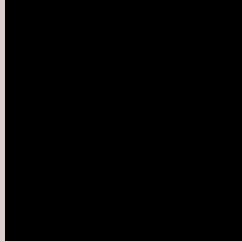
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0743, 64.4949, 68.1032

Background



This preview shows how black text looks on a background with the XYZ color 64.0743, 64.4949, 68.1032.



This preview shows how white text looks on a background with the XYZ color 64.0743, 64.4949,

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

64.0743, 64.4949, 68.1032

Protanopia

62.0406, 64.5005, 69.5016

Deuteranopia

65.6961, 64.2549, 68.6144



Tritanopia

65.8752, 64.5218, 76.6921

Trichromacy



Original Color

64.0743, 64.4949, 68.1032

Protanomaly

62.8545, 64.5712, 68.8252

Deuteranomaly

64.9729, 64.2338, 68.6484

Tritanomaly

65.1484, 64.5765, 73.3208

Monochromacy



Original Color

64.0743, 64.4949, 68.1032

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.7522, 64.8530, 70.1833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0743, 64.4949, 68.1032 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, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 207)  
}
```

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, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 64.0743, 64.4949, 68.1032 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, 206, 207) }
```


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

```
.border{ border-color:rgb(224, 206, 207) }
```

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

Here you see how a box with a 4 pixel rgb(224, 206, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0743, 64.4949, 68.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 207) }
```

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

```
.background{ background-color: rgb(224,  
206, 207) }
```

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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