

Converting Colors

XYZ(64.1145, 64.0658, 66.5297)

Have a look what the booklet for
XYZ(64.1145, 64.0658, 66.5297)
contains.

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Color

**XYZ(64.2148, 64.2392,
66.7725)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CDCD
RGB	226, 205, 205
RGB Percent	89%, 80%, 80%
CMY	0.1137, 0.1961, 0.1961
CMYK	0.00, 0.09, 0.09, 0.11
HSL	0°, 27%, 85%
HSV	0°, 9%, 89%
XYZ	64.2148, 64.2392, 66.7725
YIQ	211.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

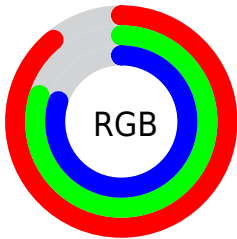
Format	Color
R _{YB}	226, 205, 205
Decimal	14863821
CIE Lab	84.09, 7.31, 2.65
CIE LCh	84, 7.777, 19.922
Yxy	64.2392, 0.3289, 0.3290
Android (android.graphics.Color)	4293053901 (0xFFE2CDCD)
YUV	211.2790, -3.0955, 12.9103
Hunter-Lab	80.1494, 2.7509, 6.7100

Details

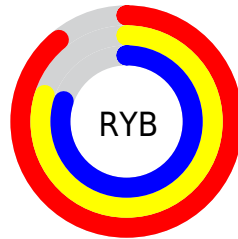
The XYZ color **64.2148, 64.2392, 66.7725** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1004, 72.8614, 82.5320**, and the grayscale version is **62.1168, 65.3518, 71.1681**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4471, 33.0255, 33.8899** is the 20% darker color. If you saturate the color by 10%, you get **56.6614, 53.1869, 51.7535**, and if you desaturate by 10%, it is **72.9465, 77.0159, 84.1299**.

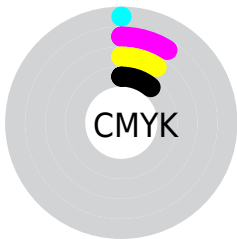
Distribution



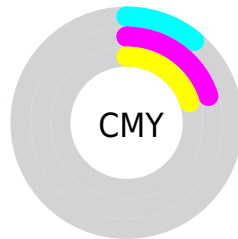
- Red (89%)
- Green (80%)
- Blue (80%)



- Red (89%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2148, 64.2392, 66.7725 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 64.2148, 64.2392, 66.7725 by changing the saturation by 10% instead.

64.2148, 64.2392,
66.7725

64.2148, 64.2392,
66.7725

429.5548,
440.0529, 467.6140

47.0870, 46.8444,
48.4393

109.9922,
110.9554, 116.2319

33.3127, 32.9127,
33.8125

139.3726,
141.0455, 148.1952

22.5265, 22.0596,
22.4734

173.5678,
176.1363, 185.5390

14.3630, 13.9007,
14.0035

212.9433,
216.6121, 228.6819

8.4570, 8.0516,
7.9843

257.8644,
262.8572, 278.0422

4.4430, 4.1280,
3.9973

308.6964,

1.9557, 1.7454,

315.2561, 334.0387

1.6239

365.8048,
374.1933, 397.0897

■ 0.6089, 0.4528,
0.3078

■ 0.0000, 0.0000,
0.0000

■ 64.2148, 64.2392,
66.7725

■ 64.2148, 64.2392,
66.7725

■ 56.6614, 53.1869,
51.7535

■ 72.9465, 77.0159,
84.1299

■ 50.2307, 43.7772,
38.9690

■ 82.8981, 91.5774,
103.9153

■ 44.8709, 35.9343,
28.3137

■ 85.1743, 94.9089,
108.4378

■ 40.5237, 29.5731,
19.6719

■ 37.1256, 24.6006,
12.9171

■ 34.6058, 20.9131,
7.9084

■ 32.8834, 18.3924,
4.4852

■ 31.8629, 16.8989,
2.4576

■ 31.3910, 16.2081,
1.5200

Harmonies

Analogous

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



64.3666, 64.2392, 71.6135



64.2148, 64.2392, 66.7725



63.2082, 64.2392, 62.9562

Triad

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



64.2148, 64.2392, 66.7725



58.5655, 64.2392, 64.0319



60.4814, 64.2392, 79.6757

Complementary

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



64.2148, 64.2392, 66.7725



66.1004, 72.8614, 82.5320

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.



58.9560, 64.2392, 77.4340



64.2148, 64.2392, 66.7725



57.8637, 64.2392, 68.3037

Square

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



64.2148, 64.2392, 66.7725



59.9392, 64.2392, 61.4260



58.0053, 64.2392, 73.2176



62.1895, 64.2392, 79.2185

Rectangle

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



64.2148, 64.2392, 66.7725



62.1981, 64.2392, 61.4341



58.0053, 64.2392, 73.2176



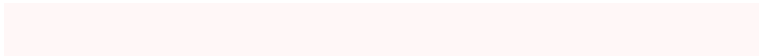
59.9308, 64.2392, 79.2089

Sweetspot

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



64.2166, 64.2420, 66.7739



91.4509, 94.7337, 101.7446



66.9236, 65.3233, 81.0336



19.3736, 19.9833, 21.3786



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.



64.2166, 64.2420, 66.7739



82.5551, 81.7171, 84.0587



66.8122, 69.4333, 67.6391



13.7075, 13.7010, 14.2289



17.8936, 9.2250, 0.8375



1.2404, 0.6396, 0.0581

Inverse Universe

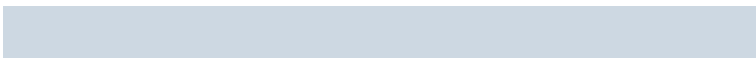
The Inverse Universe completely reimagines the original color for something new.



66.1004, 72.8614, 82.5320



85.4710, 95.0593, 108.4512



63.3331, 67.3269, 81.6096



14.1164, 15.5719, 17.6493



23.3404, 34.1503, 46.4099



1.6179, 2.3673, 3.2169

Previews

White Background



This preview shows how the XYZ color 64.2148, 64.2392, 66.7725 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 64.2148, 64.2392, 66.7725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

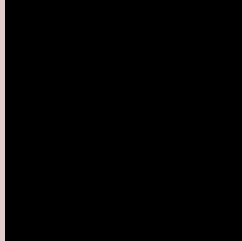
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2148, 64.2392, 66.7725

Background



This preview shows how black text looks on a background with the XYZ color 64.2148, 64.2392, 66.7725.



This preview shows how white text looks on a background with the XYZ color 64.2148, 64.2392,

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

64.2148, 64.2392, 66.7725

Protanopia

61.7945, 64.4021, 68.2054

Deuteranopia

65.6541, 64.2755, 66.7037



Tritanopia

66.1370, 64.3203, 75.9471

Trichromacy



Original Color

64.2148, 64.2392, 66.7725

Protanomaly

62.6099, 64.4734, 67.5372

Deuteranomaly

65.2454, 64.4165, 66.7524

Tritanomaly

65.4090, 64.3717, 72.5959

Monochromacy



Original Color

64.2148, 64.2392, 66.7725

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.6280, 64.8033, 69.5290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2148, 64.2392, 66.7725 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(226, 205, 205) looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 205)  
}
```

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(226, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 205) }
```

Border

The CSS property to change the border of an element to XYZ 64.2148, 64.2392, 66.7725 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(226, 205, 205) }
```


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

```
.border{ border-color:rgb(226, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(226, 205,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2148, 64.2392, 66.7725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 205) }
```

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

```
.background{ background-color: rgb(226,  
205, 205) }
```

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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