

Converting Colors

XYZ(64.7053, 64.0657, 69.8445)

Have a look what the booklet for
XYZ(64.7053, 64.0657, 69.8445)
contains.

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Color

**XYZ(64.5898, 64.0076,
69.9232)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CCD2
RGB	226, 204, 210
RGB Percent	89%, 80%, 82%
CMY	0.1137, 0.2000, 0.1765
CMYK	0.00, 0.10, 0.07, 0.11
HSL	344°, 27%, 84%
HSV	344°, 10%, 89%
XYZ	64.5898, 64.0076, 69.9232
YIQ	211.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

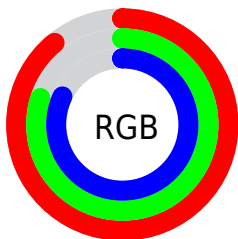
Format	Color
R _Y B	226, 204, 210
Decimal	14863570
CIE Lab	83.97, 8.68, -0.19
CIE LCh	84, 8.685, 358.752
Yxy	64.0076, 0.3254, 0.3224
Android (android.graphics.Color)	4293053650 (0xFFE2CCD2)
YUV	211.2620, -0.6222, 12.9252
Hunter-Lab	80.0047, 4.0991, 4.1846

Details

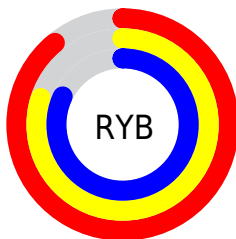
The XYZ color **64.5898, 64.0076, 69.9232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0190, 72.3992, 78.2614**, and the grayscale version is **62.0904, 65.3239, 71.1377**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7017, 32.8709, 36.0209** is the 20% darker color. If you saturate the color by 10%, you get **57.6593, 53.2571, 58.0221**, and if you desaturate by 10%, it is **72.5138, 76.4067, 83.1951**.

Distribution



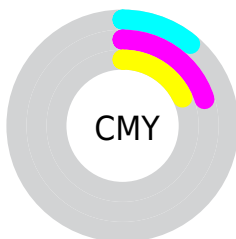
- Red (89%)
- Green (80%)
- Blue (82%)



- Red (89%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5898, 64.0076, 69.9232 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 64.5898, 64.0076, 69.9232 by changing the saturation by 10% instead.

64.5898, 64.0076,
69.9232

64.5898, 64.0076,
69.9232

430.8850,
439.2171, 479.0621

47.3920, 46.6568,
50.9875

110.5289,
110.6219, 120.7793

33.5549, 32.7644,
35.8220

140.0009,
140.6542, 153.5368

22.7131, 21.9461,
24.0082

174.2951,
175.6824, 191.7387

14.5014, 13.8173,
15.1274

213.7767,
216.0911, 235.8034

8.5542, 7.9937,
8.7612

258.8111,
262.2645, 286.1496

4.5063, 4.0909,
4.4911

309.7637,

1.9924, 1.7245,

314.5870, 343.1958

1.8984

366.9999,
373.4431, 407.3604

■ 0.6297, 0.4395,
0.4917

■ 0.0000, 0.0000,
0.0000

■ 64.5898, 64.0076,
69.9232

■ 64.5898, 64.0076,
69.9232

■ 57.6593, 53.2571,
58.0221

■ 72.5138, 76.4067,
83.1951

■ 51.6771, 44.0774,
47.4432

■ 81.4633, 90.5113,
97.8759

■ 46.6026, 36.3971,
38.1411

■ 85.1745, 94.9090,
108.4378

■ 42.3900, 30.1357,
30.0660

■ 38.9894, 25.2053,
23.1649

■ 36.3455, 21.5081,
17.3805

■ 34.3960, 18.9326,
12.6503

■ 33.0676, 17.3470,
8.9050

■ 32.2418, 16.5304,
6.0556

Harmonies

Analogous

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



64.0369, 64.0076, 75.3029



64.5898, 64.0076, 69.9232



64.1199, 64.0076, 64.7474

Triad

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



64.5898, 64.0076, 69.9232



59.0849, 64.0076, 60.8587



58.9488, 64.0076, 79.0942

Complementary

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



64.5898, 64.0076, 69.9232



65.0190, 72.3992, 78.2614

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.



57.6687, 64.0076, 74.8850



64.5898, 64.0076, 69.9232



57.7461, 64.0076, 64.3696

Square

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



64.5898, 64.0076, 69.9232



60.9175, 64.0076, 59.6819



57.2330, 64.0076, 69.4641



60.7572, 64.0076, 80.7661

Rectangle

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



64.5898, 64.0076, 69.9232



63.2952, 64.0076, 62.0684



57.2330, 64.0076, 69.4641



58.4439, 64.0076, 77.9186

Sweetspot

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



64.5916, 64.0104, 69.9246



91.7748, 94.8626, 103.4522



64.7671, 63.8589, 80.8649



19.4606, 20.0180, 21.8375



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.



64.5916, 64.0104, 69.9246



82.6744, 80.6550, 88.1079



65.0085, 66.0175, 66.4464



13.8600, 13.7616, 15.0327



18.4259, 9.4374, 3.6428



1.3142, 0.6690, 0.4477

Inverse Universe

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



64.5916, 64.0104, 69.9246



82.6744, 80.6550, 88.1079



64.5496, 70.1666, 82.0939



13.8600, 13.7616, 15.0327



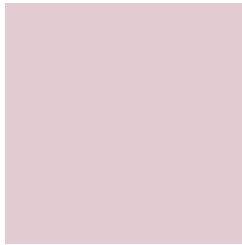
18.4259, 9.4374, 3.6428



1.3142, 0.6690, 0.4477

Previews

White Background



This preview shows how the XYZ color 64.5898, 64.0076, 69.9232 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 64.5898, 64.0076, 69.9232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

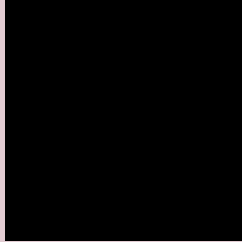
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5898, 64.0076, 69.9232

Background



This preview shows how black text looks on a background with the XYZ color 64.5898, 64.0076, 69.9232.

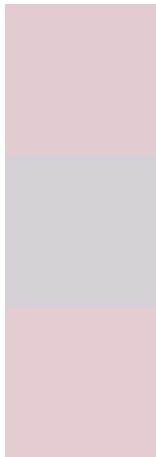


This preview shows how white text looks on a background with the XYZ color 64.5898, 64.0076,

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

64.5898, 64.0076, 69.9232

Protanopia

61.7175, 63.9129, 72.0344

Deuteranopia

65.3019, 64.0230, 69.8887



Tritanopia

65.8207, 64.1572, 75.9323

Trichromacy



Original Color

64.5898, 64.0076, 69.9232

Protanomaly

62.8118, 64.1308, 71.3553

Deuteranomaly

64.9837, 63.8590, 69.8738

Tritanomaly

65.4292, 64.0006, 73.8706

Monochromacy



Original Color

64.5898, 64.0076, 69.9232

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.6326, 64.4138, 70.7600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5898, 64.0076, 69.9232 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, 204, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 210)  
}
```

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, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 210) }
```

Border

The CSS property to change the border of an element to XYZ 64.5898, 64.0076, 69.9232 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, 204, 210) }
```


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

```
.border{ border-color:rgb(226, 204, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 204, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 204,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5898, 64.0076, 69.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 210) }
```

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

```
.background{ background-color: rgb(226,  
204, 210) }
```

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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