

Converting Colors

XYZ(60.7312, 55.4008, 63.7092)

Have a look what the booklet for
XYZ(60.7312, 55.4008, 63.7092)
contains.

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Color

**XYZ(60.8750, 55.5817,
64.0198)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B8CB
RGB	231, 184, 203
RGB Percent	91%, 72%, 80%
CMY	0.0941, 0.2784, 0.2039
CMYK	0.00, 0.20, 0.12, 0.09
HSL	336°, 49%, 81%
HSV	336°, 20%, 91%
XYZ	60.8750, 55.5817, 64.0198
YIQ	200.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

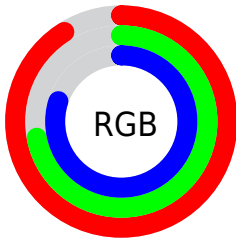
Format	Color
R _Y B	231, 184, 203
Decimal	15186123
CIE Lab	79.38, 19.89, -3.11
CIE LCh	79, 20.135, 351.110
Yxy	55.5817, 0.3373, 0.3080
Android (android.graphics.Color)	4293376203 (0xFFE7B8CB)
YUV	200.2190, 1.3710, 26.9949
Hunter-Lab	74.5531, 15.2829, 1.2741

Details

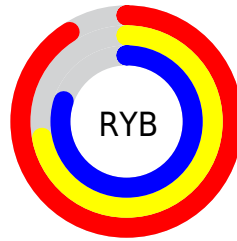
The XYZ color **60.8750, 55.5817, 64.0198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.2290, 72.0971, 73.0325**, and the grayscale version is **55.0183, 57.8836, 63.0352**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **31.2203, 27.5165, 32.0995** is the 20% darker color. If you saturate the color by 10%, you get **54.8949, 46.1302, 54.2906**, and if you desaturate by 10%, it is **67.7875, 66.6634, 74.7795**.

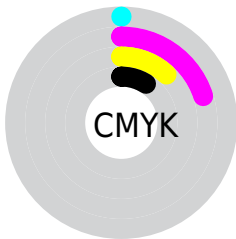
Distribution



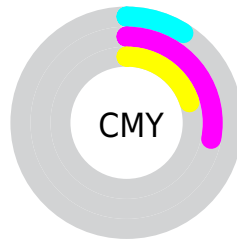
- Red (91%)
- Green (72%)
- Blue (80%)



- Red (91%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8750, 55.5817, 64.0198 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 60.8750, 55.5817, 64.0198 by changing the saturation by 10% instead.

60.8750, 55.5817,
64.0198

60.8750, 55.5817,
64.0198

417.5988,
408.1132, 457.4706

44.3765, 39.8676,
46.2204

105.1971, 98.3927,
112.2392

31.1657, 27.4354,
32.0699

133.7513,
126.2585, 143.4963

20.8775, 17.9005,
21.1496

167.0548,
158.9436, 180.0764

13.1465, 10.8785,
13.0411

205.4729,
196.8324, 222.3980

7.6072, 5.9852,
7.3258

249.3710,
240.3094, 270.8797

3.8943, 2.8361,
3.5852

299.1145,

1.6425, 1.0468,

289.7589, 325.9400

1.4006

355.0686,
345.5654, 387.9974

■ 0.4199, 0.0000,
0.1422

■ 0.0000, 0.0000,
0.0000

■ 60.8750, 55.5817,
64.0198

■ 60.8750, 55.5817,
64.0198

■ 54.8949, 46.1302,
54.2906

■ 67.7875, 66.6634,
74.7795

■ 49.8005, 38.2241,
45.5559

■ 75.6665, 79.4401,
86.5970

■ 45.5485, 31.7818,
37.7824

■ 84.5504, 93.9822,
99.5032

■ 42.0896, 26.7116,
30.9335

■ 86.7653, 95.7291,
108.5123

■ 39.3692, 22.9111,
24.9698

■ 37.3252, 20.2633,
19.8483

■ 35.8841, 18.6290,
15.5209

■ 34.9476, 17.7860,
12.0335

Harmonies

Analogous

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



59.1039, 55.5817, 75.5765



60.8750, 55.5817, 64.0198



60.4061, 55.5817, 52.8601

Triad

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



60.8750, 55.5817, 64.0198



50.0820, 55.5817, 42.0588



48.1037, 55.5817, 79.5242

Complementary

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



60.8750, 55.5817, 64.0198



60.2290, 72.0971, 73.0325

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.



45.9131, 55.5817, 68.8842



60.8750, 55.5817, 64.0198



47.0142, 55.5817, 47.6074

Square

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



60.8750, 55.5817, 64.0198



54.0374, 55.5817, 41.1051



45.5247, 55.5817, 57.1483



51.6383, 55.5817, 85.2472

Rectangle

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



60.8750, 55.5817, 64.0198



58.8958, 55.5817, 47.0471



45.5247, 55.5817, 57.1483



47.1934, 55.5817, 76.3445

Sweetspot

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



60.8766, 55.5842, 64.0210



88.9286, 90.0504, 99.7901



58.5499, 53.9638, 82.9322



18.8976, 19.0529, 21.1533



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.



60.8766, 55.5842, 64.0210



73.2126, 64.8447, 75.3565



59.5741, 56.3830, 53.0935



14.6172, 14.4641, 16.1846



19.6497, 9.9941, 7.0500



1.4970, 0.7565, 0.7580

Inverse Universe

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



60.8766, 55.5842, 64.0210



73.2126, 64.8447, 75.3565



61.6847, 70.9451, 86.0447



14.6172, 14.4641, 16.1846



19.6497, 9.9941, 7.0500



1.4970, 0.7565, 0.7580

Previews

White Background



This preview shows how the XYZ color 60.8750, 55.5817, 64.0198 looks on a white background.

Color Contrast Check

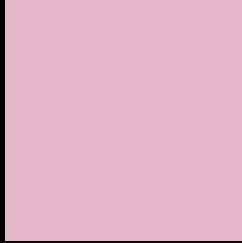
Large Text (above 18pt) WCAG AA × Fail

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 60.8750, 55.5817, 64.0198 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 60.8750, 55.5817, 64.0198

Background



This preview shows how black text looks on a background with the XYZ color 60.8750, 55.5817, 64.0198.



This preview shows how white text looks on a background with the XYZ color 60.8750, 55.5817,

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

60.8750, 55.5817, 64.0198

Protanopia

54.3987, 56.0033, 68.9154

Deuteranopia

57.0230, 55.8220, 63.6464



Tritanopia

60.2909, 55.6444, 61.5956

Trichromacy



Original Color

60.8750, 55.5817, 64.0198

Protanomaly

56.4066, 55.7596, 66.8212

Deuteranomaly

58.1591, 55.4464, 63.5140

Tritanomaly

60.4074, 55.6910, 62.2092

Monochromacy



Original Color

60.8750, 55.5817, 64.0198

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.6984, 56.6495, 63.2045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8750, 55.5817, 64.0198 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(231, 184, 203)` looks like.

```
.text, #text, p{  
    color:rgb(231, 184, 203)  
}
```

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(231, 184, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 184, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.8750, 55.5817, 64.0198 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(231, 184, 203) }
```


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

```
.border{ border-color:rgb(231, 184, 203) }
```

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

Here you see how a box with a 4 pixel rgb(231, 184, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 184, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 184, 203);  
box-shadow:4px 4px 4px 4px rgb(231, 184,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8750, 55.5817, 64.0198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 184, 203) }
```

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

```
.background{ background-color: rgb(231,  
184, 203) }
```

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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