

Converting Colors

XYZ(63.9501, 56.8972, 68.0505)

Have a look what the booklet for
XYZ(63.9501, 56.8972, 68.0505)
contains.

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Color

**XYZ(63.7020, 56.6476,
67.8982)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB7D1
RGB	238, 183, 209
RGB Percent	93%, 72%, 82%
CMY	0.0667, 0.2823, 0.1804
CMYK	0.00, 0.23, 0.12, 0.07
HSL	332°, 62%, 83%
HSV	332°, 23%, 93%
XYZ	63.7020, 56.6476, 67.8982
YIQ	202.4090, 24.4340, 19.7460

Conversions

Conversions Part 2

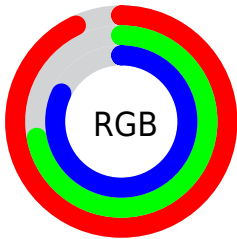
Format	Color
R _{YB}	238, 183, 209
Decimal	15644625
CIE Lab	79.98, 23.85, -5.38
CIE LCh	80, 24.453, 347.280
Yxy	56.6476, 0.3384, 0.3009
Android (android.graphics.Color)	4293834705 (0xFFEEB7D1)
YUV	202.4090, 3.2494, 31.2133
Hunter-Lab	75.2646, 19.3647, -0.8019

Details

The XYZ color **63.7020, 56.6476, 67.8982** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.9890, 75.9713, 73.6877**, and the grayscale version is **56.3655, 59.3009, 64.5787**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **32.9551, 28.1556, 34.7080** is the 20% darker color. If you saturate the color by 10%, you get **57.7090, 47.0505, 58.5342**, and if you desaturate by 10%, it is **70.6507, 67.9588, 78.1860**.

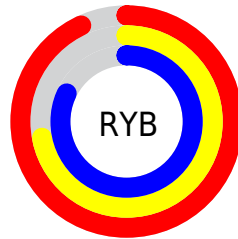
Distribution



Red (93%)

Green (72%)

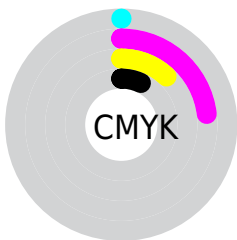
Blue (82%)



Red (93%)

Yellow (72%)

Blue (82%)

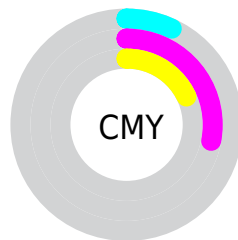


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (28%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7020, 56.6476, 67.8982 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 63.7020, 56.6476, 67.8982 by changing the saturation by 10% instead.


 63.7020, 56.6476,
67.8982

 63.7020, 56.6476,
67.8982


427.7320,
412.1275, 471.7235

 46.6701, 40.7224,
49.3487


 109.2578, 99.9508,
117.8593

 32.9818, 28.1022,
34.5287


138.5124,
128.0976, 150.1081

 22.2717, 18.4027,
23.0194


172.5720,
161.0870, 187.7604

 14.1744, 11.2395,
14.4024

211.8020,
199.3035, 231.2347

 8.3246, 6.2282,
8.2591

256.5676,
243.1313, 280.9497

 4.3569, 2.9843,
4.1711

307.2342,

 1.9059, 1.1236,

292.9550, 337.3238

1.7196

364.1672,
349.1590, 400.7755

■ 0.5803, 0.0000,
0.3741

■ 0.0000, 0.0000,
0.0000

■ 63.7020, 56.6476,
67.8982

■ 63.7020, 56.6476,
67.8982

■ 57.7090, 47.0505,
58.5342

■ 70.6507, 67.9588,
78.1860

■ 52.6222, 39.0752,
50.0617

■ 78.5918, 81.0551,
89.4213

■ 48.3951, 32.6324,
42.4516

■ 87.5658, 96.0128,
101.6311

■ 44.9747, 27.6211,
35.6713

■ 89.0702, 96.9173,
108.6201

■ 42.3017, 23.9278,
29.6854

■ 40.3081, 21.4216,
24.4552

■ 38.9120, 19.9442,
19.9362

■ 38.2127, 19.3583,
17.1980

Harmonies

Analogous

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



61.1649, 56.6476, 82.1510



63.7020, 56.6476, 67.8982



63.4823, 56.6476, 53.9091

Triad

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



63.7020, 56.6476, 67.8982



51.0555, 56.6476, 39.0817



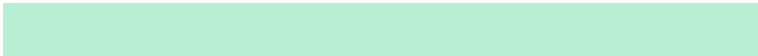
47.6211, 56.6476, 84.0271

Complementary

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



63.7020, 56.6476, 67.8982



61.9890, 75.9713, 73.6877

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.



45.2304, 56.6476, 70.1630



63.7020, 56.6476, 67.8982



47.1279, 56.6476, 44.9273

Square

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



63.7020, 56.6476, 67.8982



55.9715, 56.6476, 38.6679



45.0556, 56.6476, 55.8528



51.7669, 56.6476, 92.3802

Rectangle

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



63.7020, 56.6476, 67.8982



61.8013, 56.6476, 46.5561



45.0556, 56.6476, 55.8528



46.5969, 56.6476, 79.7677

Sweetspot

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



63.7036, 56.6502, 67.8994



88.1389, 88.5438, 99.3024



59.3519, 53.9534, 88.1755



18.7437, 18.7513, 21.0833



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.



63.7036, 56.6502, 67.8994



70.8675, 60.4030, 73.8082



60.9324, 55.8452, 52.3706



16.0839, 15.8833, 17.9978



21.3830, 10.8256, 9.9334



1.8288, 0.9206, 1.0892

Inverse Universe

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



63.7036, 56.6502, 67.8994



70.8675, 60.4030, 73.8082



65.2712, 76.8583, 92.2846



16.0839, 15.8833, 17.9978



21.3830, 10.8256, 9.9334



1.8288, 0.9206, 1.0892

Previews

White Background



This preview shows how the XYZ color 63.7020, 56.6476, 67.8982 looks on a white background.

Color Contrast Check

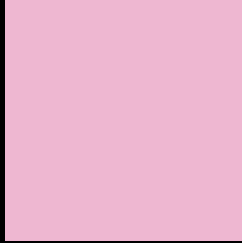
Large Text (above 18pt) WCAG AA × Fail

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 63.7020, 56.6476, 67.8982 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 63.7020, 56.6476, 67.8982

Background



This preview shows how black text looks on a background with the XYZ color 63.7020, 56.6476, 67.8982.



This preview shows how white text looks on a background with the XYZ color 63.7020, 56.6476,

67.8982.

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

63.7020, 56.6476, 67.8982

Protanopia

55.6471, 56.8648, 74.3727

Deuteranopia

58.0640, 56.9411, 66.9619



Tritanopia

62.5828, 56.8260, 61.7029

Trichromacy



Original Color

63.7020, 56.6476, 67.8982

Protanomaly

58.2668, 56.6026, 72.1444

Deuteranomaly

60.0142, 56.6372, 67.4435

Tritanomaly

62.8450, 56.5973, 64.1120

Monochromacy



Original Color

63.7020, 56.6476, 67.8982

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.5589, 57.8851, 65.8442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7020, 56.6476, 67.8982 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(238, 183, 209)` looks like.

```
.text, #text, p{  
    color:rgb(238, 183, 209)  
}
```

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(238, 183, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 183, 209) }
```

Border

The CSS property to change the border of an element to XYZ 63.7020, 56.6476, 67.8982 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(238, 183, 209) }
```


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

```
.border{ border-color:rgb(238, 183, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 183, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 183, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 183, 209);  
box-shadow:4px 4px 4px 4px rgb(238, 183,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7020, 56.6476, 67.8982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 183, 209) }
```

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

```
.background{ background-color: rgb(238,  
183, 209) }
```

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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