

Converting Colors

XYZ(62.5601, 58.8517, 64.2313)

Have a look what the booklet for
XYZ(62.5601, 58.8517, 64.2313)
contains.

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Color

**XYZ(62.4653, 58.9525,
63.9638)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C0CA
RGB	231, 192, 202
RGB Percent	91%, 75%, 79%
CMY	0.0941, 0.2470, 0.2078
CMYK	0.00, 0.17, 0.13, 0.09
HSL	345°, 45%, 83%
HSV	345°, 17%, 91%
XYZ	62.4653, 58.9525, 63.9638
YIQ	204.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

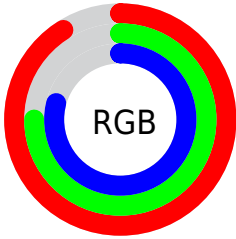
Format	Color
R _Y B	231, 192, 202
Decimal	15188170
CIE Lab	81.27, 15.47, 0.20
CIE LCh	81, 15.467, 0.728
Yxy	58.9525, 0.3370, 0.3180
Android (android.graphics.Color)	4293378250 (0xFFE7C0CA)
YUV	204.8010, -1.3809, 22.9765
Hunter-Lab	76.7805, 10.8539, 4.3535

Details

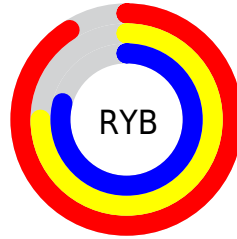
The XYZ color **62.4653, 58.9525, 63.9638** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.3676, 73.5802, 79.2728**, and the grayscale version is **57.9029, 60.9183, 66.3401**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **32.1130, 29.4290, 32.0048** is the 20% darker color. If you saturate the color by 10%, you get **55.8639, 48.8252, 52.2806**, and if you desaturate by 10%, it is **70.0925, 70.7678, 77.1075**.

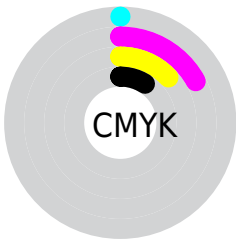
Distribution



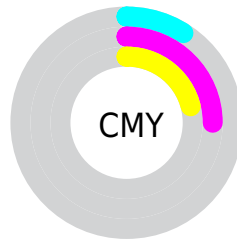
- Red (91%)
- Green (75%)
- Blue (79%)



- Red (91%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4653, 58.9525, 63.9638 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 62.4653, 58.9525, 63.9638 by changing the saturation by 10% instead.


 62.4653, 58.9525,
63.9638

 62.4653, 58.9525,
63.9638

423.3169,
420.7259, 457.2628

 45.6658, 42.5749,
46.1754


 107.4839,
103.3086, 112.1578

 32.1857, 29.5517,
32.0346


136.4337,
132.0559, 143.4004

 21.6596, 19.4986,
21.1229


170.1643,
165.6952, 179.9648

 13.7222, 12.0311,
13.0217

209.0411,
204.6110, 222.2695

 8.0081, 6.7649,
7.3126

253.4293,
249.1875, 270.7332

 4.1520, 3.3155,
3.5770

303.6945,

 1.7885, 1.2986,

299.8092, 325.7742

1.3963

360.2019,
356.8606, 387.8112

■ 0.5107, 0.1401,
0.1388

■ 0.0000, 0.0000,
0.0000

■ 62.4653, 58.9525,
63.9638

■ 62.4653, 58.9525,
63.9638

■ 55.8639, 48.8252,
52.2806

■ 70.0925, 70.7678,
77.1075

■ 50.2389, 40.3008,
42.0029

■ 78.7823, 84.3351,
91.7566

■ 45.5443, 33.2990,
33.0777

■ 86.5307, 95.6352,
107.2771

■ 41.7281, 27.7292,
25.4470

■ 86.7653, 95.7291,
108.5123

■ 38.7333, 23.4913,
19.0485

■ 36.4956, 20.4718,
13.8144

■ 34.9408, 18.5385,
9.6695

■ 33.9752, 17.5222,
6.5275

■ 33.7502, 17.3070,
5.7284

Harmonies

Analogous

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



61.6183, 58.9525, 73.2711



62.4653, 58.9525, 63.9638



61.5344, 58.9525, 55.5349

Triad

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



62.4653, 58.9525, 63.9638



52.9231, 58.9525, 50.1003



53.0546, 58.9525, 80.9623

Complementary

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



62.4653, 58.9525, 63.9638



63.3676, 73.5802, 79.2728

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.



50.8689, 58.9525, 73.6989



62.4653, 58.9525, 63.9638



50.7951, 58.9525, 55.8907

Square

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



62.4653, 58.9525, 63.9638



55.9538, 58.9525, 48.0172



50.0574, 58.9525, 64.4152



56.1114, 58.9525, 83.6371

Rectangle

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



62.4653, 58.9525, 63.9638



60.0506, 58.9525, 51.3979



50.0574, 58.9525, 64.4152



52.1979, 58.9525, 78.9441

Sweetspot

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



62.4670, 58.9551, 63.9650



89.6273, 91.5375, 99.7462



62.9726, 58.7811, 83.6288



19.0266, 19.3479, 21.0827



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.



62.4670, 58.9551, 63.9650



75.3667, 69.4593, 75.1301



63.3813, 62.6171, 58.6182



14.5278, 14.4283, 15.7140



18.9634, 9.7196, 3.4361



1.4384, 0.7331, 0.4489

Inverse Universe

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



62.4670, 58.9551, 63.9650



75.3667, 69.4593, 75.1301



62.2588, 69.1672, 85.6711



14.5278, 14.4283, 15.7140



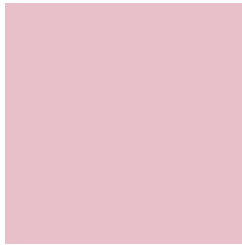
18.9634, 9.7196, 3.4361



1.4384, 0.7331, 0.4489

Previews

White Background



This preview shows how the XYZ color 62.4653, 58.9525, 63.9638 looks on a white background.

Color Contrast Check

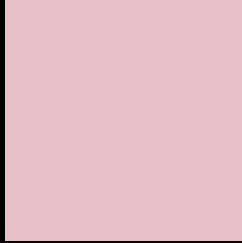
Large Text (above 18pt) WCAG AA × Fail

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 62.4653, 58.9525, 63.9638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

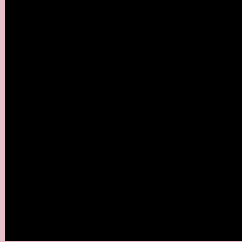
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4653, 58.9525, 63.9638

Background



This preview shows how black text looks on a background with the XYZ color 62.4653, 58.9525, 63.9638.



This preview shows how white text looks on a background with the XYZ color 62.4653, 58.9525,

63.9638.

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

62.4653, 58.9525, 63.9638

Protanopia

57.0510, 59.1157, 67.4350

Deuteranopia

60.4067, 59.2265, 63.5064



Tritanopia

63.0501, 58.8736, 66.4332

Trichromacy



Original Color

62.4653, 58.9525, 63.9638

Protanomaly

58.9451, 59.0921, 66.0568

Deuteranomaly

61.1091, 59.2548, 63.4749

Tritanomaly

62.9290, 58.8252, 65.7953

Monochromacy



Original Color

62.4653, 58.9525, 63.9638

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.2849, 59.9643, 65.5764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4653, 58.9525, 63.9638 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, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(231, 192, 202)  
}
```

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, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 192, 202) }
```

Border

The CSS property to change the border of an element to XYZ 62.4653, 58.9525, 63.9638 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, 192, 202) }
```


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

```
.border{ border-color:rgb(231, 192, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(231, 192,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4653, 58.9525, 63.9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 192, 202) }
```

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

```
.background{ background-color: rgb(231,  
192, 202) }
```

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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