

Converting Colors

XYZ(61.4018, 57.9418, 62.5121)

Have a look what the booklet for
XYZ(61.4018, 57.9418, 62.5121)
contains.

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Color

**XYZ(61.4719, 57.8200,
62.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BEC8
RGB	230, 190, 200
RGB Percent	90%, 75%, 78%
CMY	0.0980, 0.2549, 0.2157
CMYK	0.00, 0.17, 0.13, 0.10
HSL	345°, 44%, 82%
HSV	345°, 17%, 90%
XYZ	61.4719, 57.8200, 62.5640
YIQ	203.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

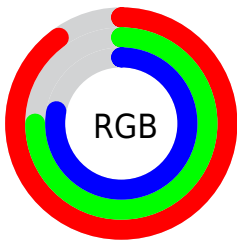
Format	Color
R _Y B	230, 190, 200
Decimal	15122120
CIE Lab	80.64, 15.85, 0.35
CIE LCh	81, 15.855, 1.253
Yxy	57.8200, 0.3380, 0.3179
Android (android.graphics.Color)	4293312200 (0xFFE6BEC8)
YUV	203.1000, -1.5283, 23.5913
Hunter-Lab	76.0395, 11.2341, 4.4448

Details

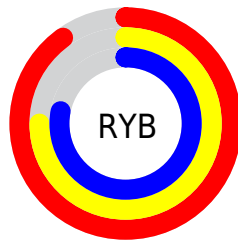
The XYZ color **61.4719, 57.8200, 62.5640** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4526, 72.7096, 78.4564**, and the grayscale version is **56.8291, 59.7886, 65.1098**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **31.5895, 28.9653, 31.1200** is the 20% darker color. If you saturate the color by 10%, you get **54.9743, 47.8710, 51.0057**, and if you desaturate by 10%, it is **68.9864, 69.4373, 75.5851**.

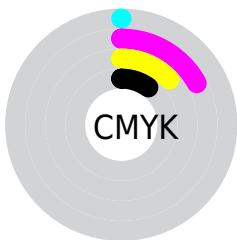
Distribution



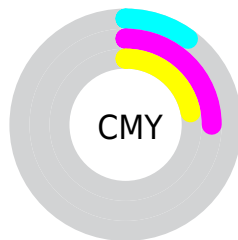
- Red (90%)
- Green (75%)
- Blue (78%)



- Red (90%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4719, 57.8200, 62.5640 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 61.4719, 57.8200, 62.5640 by changing the saturation by 10% instead.

 61.4719, 57.8200,
62.5640

 61.4719, 57.8200,
62.5640


419.7505,
416.5149, 452.0497

 44.8601, 41.6640,
45.0498


 106.0562,
101.6607, 110.1197

 31.5481, 28.8383,
31.1535


134.7593,
130.1141, 140.9984

 21.1704, 18.9585,
20.4563


168.2237,
163.4355, 177.1690

 13.3618, 11.6403,
12.5398

206.8146,
202.0092, 219.0501

 7.7569, 6.4992,
6.9854

250.8973,
246.2195, 267.0601

 3.9903, 3.1510,
3.3747

300.8373,

 1.6966, 1.2110,

296.4510, 321.6177

1.2890

356.9999,
353.0880, 383.1414

■ 0.4542, 0.0707,
0.0527

■ 0.0000, 0.0000,
0.0000

■ 61.4719, 57.8200,
62.5640

■ 61.4719, 57.8200,
62.5640

■ 54.9743, 47.8710,
51.0057

■ 68.9864, 69.4373,
75.5851

■ 49.4444, 39.5060,
40.8547

■ 77.5544, 82.7868,
90.1146

■ 44.8362, 32.6450,
32.0571

■ 85.9256, 95.3560,
105.7702

■ 41.0979, 27.1980,
24.5542

■ 86.4434, 95.5631,
108.4972

■ 38.1724, 23.0650,
18.2828

■ 35.9956, 20.1332,
13.1740

■ 34.4929, 18.2701,
9.1512

■ 33.5677, 17.3012,
6.1258

■ 33.3841, 17.1234,
5.4800

Harmonies

Analogous

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



60.6438, 57.8200, 72.0015



61.4719, 57.8200, 62.5640



60.4974, 57.8200, 54.0845

Triad

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



61.4719, 57.8200, 62.5640



51.7642, 57.8200, 48.8078



51.9929, 57.8200, 80.0647

Complementary

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



61.4719, 57.8200, 62.5640



62.4526, 72.7096, 78.4564

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.



49.7641, 57.8200, 72.7484



61.4719, 57.8200, 62.5640



49.6357, 57.8200, 54.7020

Square

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



61.4719, 57.8200, 62.5640



54.8191, 57.8200, 46.6432



48.9180, 57.8200, 63.3499



55.0935, 57.8200, 82.6879

Rectangle

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



61.4719, 57.8200, 62.5640



58.9782, 57.8200, 49.9537



48.9180, 57.8200, 63.3499



51.1213, 57.8200, 78.0391

Sweetspot

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



61.4735, 57.8226, 62.5652



89.6148, 91.5325, 99.6803



62.2135, 57.7584, 82.7331



19.0236, 19.3466, 21.0667



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.



61.4735, 57.8226, 62.5652



74.4760, 68.1411, 73.4051



62.5836, 61.8516, 57.3583



14.5240, 14.4268, 15.6938



18.9412, 9.7107, 3.3196



1.4363, 0.7322, 0.4379

Inverse Universe

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



61.4735, 57.8226, 62.5652



74.4760, 68.1411, 73.4051



61.1134, 67.8485, 84.7387



14.5240, 14.4268, 15.6938



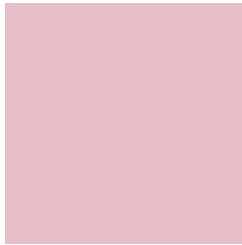
18.9412, 9.7107, 3.3196



1.4363, 0.7322, 0.4379

Previews

White Background



This preview shows how the XYZ color 61.4719, 57.8200, 62.5640 looks on a white background.

Color Contrast Check

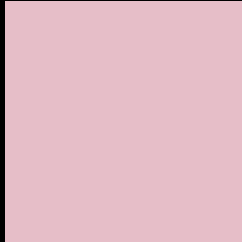
Large Text (above 18pt) WCAG AA × Fail

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 61.4719, 57.8200, 62.5640 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 61.4719, 57.8200, 62.5640

Background



This preview shows how black text looks on a background with the XYZ color 61.4719, 57.8200, 62.5640.



This preview shows how white text looks on a background with the XYZ color 61.4719, 57.8200,

62.5640.

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

61.4719, 57.8200, 62.5640

Protanopia

55.8000, 57.8112, 65.9753

Deuteranopia

59.1158, 57.9227, 62.0973



Tritanopia

62.0517, 57.7437, 65.0019

Trichromacy



Original Color

61.4719, 57.8200, 62.5640

Protanomaly

57.6708, 57.7887, 64.6147

Deuteranomaly

60.1192, 58.1107, 62.0807

Tritanomaly

61.9321, 57.6959, 64.3722

Monochromacy



Original Color

61.4719, 57.8200, 62.5640

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.2953, 58.7986, 64.1539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4719, 57.8200, 62.5640 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(230, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 200)  
}
```

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(230, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 200) }
```

Border

The CSS property to change the border of an element to XYZ 61.4719, 57.8200, 62.5640 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(230, 190, 200) }
```


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

```
.border{ border-color:rgb(230, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4719, 57.8200, 62.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 200) }
```

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

```
.background{ background-color: rgb(230,  
190, 200) }
```

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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