

Converting Colors

XYZ(61.4142, 56.6196, 61.7449)

Have a look what the booklet for
XYZ(61.4142, 56.6196, 61.7449)
contains.

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Color

**XYZ(61.4720, 56.5650,
61.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BAC7
RGB	233, 186, 199
RGB Percent	91%, 73%, 78%
CMY	0.0863, 0.2706, 0.2196
CMYK	0.00, 0.20, 0.15, 0.09
HSL	343°, 52%, 82%
HSV	343°, 20%, 91%
XYZ	61.4720, 56.5650, 61.7110
YIQ	201.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

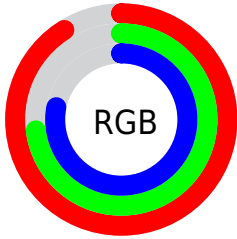
Format	Color
R _Y B	233, 186, 199
Decimal	15317703
CIE Lab	79.93, 18.89, -0.11
CIE LCh	80, 18.888, 359.671
Yxy	56.5650, 0.3420, 0.3147
Android (android.graphics.Color)	4293507783 (0xFFE9BAC7)
YUV	201.5350, -1.2498, 27.5948
Hunter-Lab	75.2097, 14.2784, 3.9982

Details

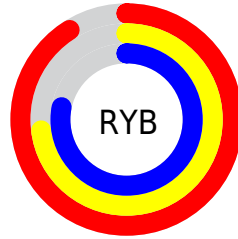
The XYZ color **61.4720, 56.5650, 61.7110** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.3092, 73.8857, 78.6912**, and the grayscale version is **55.8479, 58.7564, 63.9857**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **31.6298, 28.1665, 30.5577** is the 20% darker color. If you saturate the color by 10%, you get **55.1079, 46.7971, 50.4624**, and if you desaturate by 10%, it is **68.8564, 68.0254, 74.3707**.

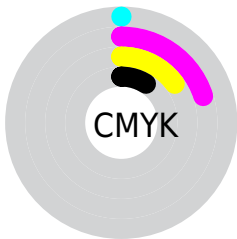
Distribution



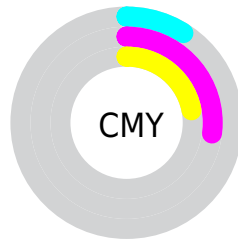
- Red (91%)
- Green (73%)
- Blue (78%)



- Red (91%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4720, 56.5650, 61.7110 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 61.4720, 56.5650, 61.7110 by changing the saturation by 10% instead.


 61.4720, 56.5650,
61.7110

 61.4720, 56.5650,
61.7110


419.7508,
411.8173, 448.8547

 44.8602, 40.6561,
44.3649


 106.0563, 99.8302,
108.8753

 31.5481, 28.0505,
30.6182


134.7595,
127.9553, 139.5306

 21.1705, 18.3637,
20.0523


168.2239,
160.9212, 175.4594

 13.3618, 11.2114,
12.2486

206.8148,
199.1123, 217.0802

 7.7569, 6.2092,
6.7886

250.8976,
242.9131, 264.8116

 3.9903, 2.9727,
3.2538

300.8376,

 1.6966, 1.1175,

292.7080, 319.0721

1.2257

357.0002,
348.8812, 380.2803

■ 0.4542, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4720, 56.5650,
61.7110

■ 61.4720, 56.5650,
61.7110

■ 55.1079, 46.7971,
50.4624

■ 68.8564, 68.0254,
74.3707

■ 49.7137, 38.6338,
40.5715

■ 77.2993, 81.2456,
88.4854

■ 45.2415, 31.9907,
31.9863

■ 86.5528, 95.7191,
104.0048

■ 41.6376, 26.7726,
24.6502

■ 87.4146, 96.0638,
108.5427

■ 38.8421, 22.8737,
18.5021

■ 36.7876, 20.1730,
13.4754

■ 35.3944, 18.5269,
9.4957

■ 34.5423, 17.6989,
6.5108

Harmonies

Analogous

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



60.3762, 56.5650, 72.8702



61.4720, 56.5650, 61.7110



60.4220, 56.5650, 51.7246

Triad

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



61.4720, 56.5650, 61.7110



50.1983, 56.5650, 45.0158



50.1283, 56.5650, 81.6550

Complementary

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



61.4720, 56.5650, 61.7110



62.3092, 73.8857, 78.6912

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.



47.6128, 56.5650, 72.6355



61.4720, 56.5650, 61.7110



47.6519, 56.5650, 51.5379

Square

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



61.4720, 56.5650, 61.7110



53.8057, 56.5650, 42.8085



46.7277, 56.5650, 61.4685



53.7210, 56.5650, 85.1893

Rectangle

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



61.4720, 56.5650, 61.7110



58.6735, 56.5650, 46.8647



46.7277, 56.5650, 61.4685



49.1350, 56.5650, 79.1151

Sweetspot

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



61.4736, 56.5676, 61.7122



88.6305, 89.9311, 98.2201



61.6883, 56.1701, 84.6820



18.8272, 19.0248, 20.7828



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.



61.4736, 56.5676, 61.7122



72.2105, 64.4439, 70.0795



62.2504, 60.4339, 54.8415



15.2366, 15.1225, 16.5313



19.6449, 10.0607, 3.9315



1.5821, 0.8058, 0.5170

Inverse Universe

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



61.4736, 56.5676, 61.7122



72.2105, 64.4439, 70.0795



61.2984, 69.0015, 87.1793



15.2366, 15.1225, 16.5313



19.6449, 10.0607, 3.9315



1.5821, 0.8058, 0.5170

Previews

White Background



This preview shows how the XYZ color 61.4720, 56.5650, 61.7110 looks on a white background.

Color Contrast Check

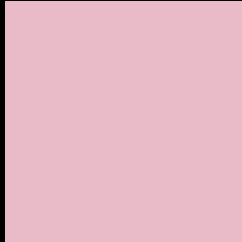
Large Text (above 18pt) WCAG AA × Fail

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 61.4720, 56.5650, 61.7110 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 61.4720, 56.5650, 61.7110

Background



This preview shows how black text looks on a background with the XYZ color 61.4720, 56.5650, 61.7110.



This preview shows how white text looks on a background with the XYZ color 61.4720, 56.5650,

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

61.4720, 56.5650, 61.7110

Protanopia

54.9262, 56.6681, 66.4356

Deuteranopia

57.9561, 56.6819, 61.3122



Tritanopia

61.5885, 56.6116, 62.3246

Trichromacy



Original Color

61.4720, 56.5650, 61.7110

Protanomaly

57.0008, 56.4488, 64.3913

Deuteranomaly

59.0379, 56.5921, 61.2378

Tritanomaly

61.5885, 56.6116, 62.3246

Monochromacy



Original Color

61.4720, 56.5650, 61.7110

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7231, 57.8430, 63.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4720, 56.5650, 61.7110 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(233, 186, 199)` looks like.

```
.text, #text, p{  
    color:rgb(233, 186, 199)  
}
```

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(233, 186, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 186, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.4720, 56.5650, 61.7110 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(233, 186, 199) }
```


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

```
.border{ border-color:rgb(233, 186, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 186, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(233, 186,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4720, 56.5650, 61.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 186, 199) }
```

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

```
.background{ background-color: rgb(233,  
186, 199) }
```

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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