

Converting Colors

XYZ(58.9700, 50.9990, 65.7672)

Have a look what the booklet for
XYZ(58.9700, 50.9990, 65.7672)
contains.

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Color

**XYZ(58.9700, 50.9990,
65.7672)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ACCF
RGB	231, 172, 207
RGB Percent	91%, 67%, 81%
CMY	0.0941, 0.3255, 0.1882
CMYK	0.00, 0.26, 0.10, 0.09
HSL	324°, 55%, 79%
HSV	324°, 26%, 91%
XYZ	58.9700, 50.9990, 65.7672
YIQ	193.6310, 23.9290, 23.3930

Conversions

Conversions Part 2

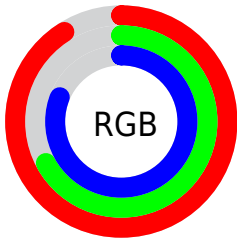
Format	Color
R_{YB}	231, 172, 207
Decimal	15183055
CIE Lab	76.68, 26.97, -9.27
CIE LCh	77, 28.523, 341.030
Yxy	50.9990, 0.3356, 0.2902
Android (android.graphics.Color)	4293373135 (0xFFE7ACCF)
YUV	193.6310, 6.5909, 32.7726
Hunter-Lab	71.4136, 22.4232, -4.6127

Details

The XYZ color **58.9700, 50.9990, 65.7672** is a light color, and the websafe version is hex **CC99CC**, and the color name is **pink pearl**. A complement of this color would be **55.5551, 69.9094, 62.7936**, and the grayscale version is **51.0139, 53.6706, 58.4473**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **30.0258, 24.6075, 33.3042** is the 20% darker color. If you saturate the color by 10%, you get **53.8352, 42.5130, 58.5552**, and if you desaturate by 10%, it is **64.9403, 61.0452, 73.5963**.

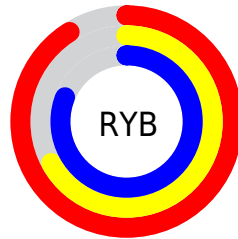
Distribution



Red (91%)

Green (67%)

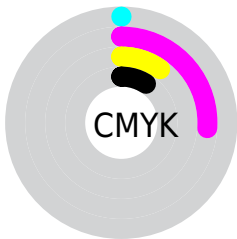
Blue (81%)



Red (91%)

Yellow (67%)

Blue (81%)

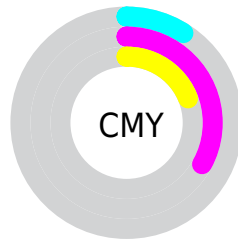


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9700, 50.9990, 65.7672 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 58.9700, 50.9990, 65.7672 by changing the saturation by 10% instead.

■ 58.9700, 50.9990,
65.7672

■ 58.9700, 50.9990,
65.7672

410.6866,
390.5599, 463.9253

■ 42.8352, 36.2078,
47.6282

■ 102.4489, 91.6533,
114.7760

■ 29.9498, 24.5947,
33.1746

130.5238,
118.2852, 146.4827

■ 19.9484, 15.7754,
21.9880

163.3095,
149.6328, 183.5492

■ 12.4656, 9.3653,
13.6499

201.1713,
186.0805, 226.3938

■ 7.1360, 4.9802,
7.7416

244.4745,
228.0126, 275.4352

■ 3.5944, 2.2357,
3.8447

293.5846,

■ 1.4753, 0.7393,

275.8136, 331.0919

1.5405

348.8668,
329.8679, 393.7824

■ 0.3090, 0.0000,
0.2478

■ 0.0000, 0.0000,
0.0000

■ 58.9700, 50.9990,
65.7672

■ 58.9700, 50.9990,
65.7672

■ 53.8352, 42.5130,
58.5552

■ 64.9403, 61.0452,
73.5963

■ 49.4907, 35.5008,
51.9376

■ 71.7795, 72.7184,
82.0575

■ 45.8937, 29.8780,
45.8948

■ 79.5245, 86.0902,
91.1693

■ 42.9953, 25.5488,
40.4044

■ 85.1342, 95.0767,
99.9233

■ 40.7405, 22.4052,
35.4417

■ 86.6027, 95.6640,
107.6562

■ 39.0653, 20.3214,
30.9788

■ 86.7653, 95.7291,
108.5123

■ 37.8912, 19.1424,
26.9829

■ 37.4726, 18.7960,
25.3303

Harmonies

Analogous

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



55.6134, 50.9990, 81.1171



58.9700, 50.9990, 65.7672



59.3950, 50.9990, 50.0320

Triad

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



58.9700, 50.9990, 65.7672



46.5135, 50.9990, 31.1575



41.0548, 50.9990, 77.4264

Complementary

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



58.9700, 50.9990, 65.7672



55.5551, 69.9094, 62.7936

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.



38.9794, 50.9990, 61.4151



58.9700, 50.9990, 65.7672



41.9715, 50.9990, 35.9825

Square

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



58.9700, 50.9990, 65.7672



51.9271, 50.9990, 31.8881



39.3021, 50.9990, 46.4130



45.1756, 50.9990, 88.6644

Rectangle

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



58.9700, 50.9990, 65.7672



57.9256, 50.9990, 41.5678



39.3021, 50.9990, 46.4130



40.1092, 50.9990, 72.3116

Sweetspot

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



58.9715, 51.0013, 65.7683



87.5763, 87.1448, 99.9589



51.8395, 46.9594, 81.9338



18.4616, 18.1680, 21.0480



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.



58.9715, 51.0013, 65.7683



70.0535, 57.6102, 77.1279



55.7352, 49.7068, 48.7263



14.7340, 14.5108, 16.7995



21.0706, 10.5624, 14.5324



1.6028, 0.7988, 1.3150

Inverse Universe

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



58.9715, 51.0013, 65.7683



70.0535, 57.6102, 77.1279



59.1951, 71.3654, 81.9617



14.7340, 14.5108, 16.7995



21.0706, 10.5624, 14.5324



1.6028, 0.7988, 1.3150

Previews

White Background



This preview shows how the XYZ color 58.9700, 50.9990, 65.7672 looks on a white background.

Color Contrast Check

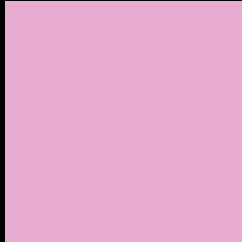
Large Text (above 18pt) WCAG AA × Fail

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 58.9700, 50.9990, 65.7672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

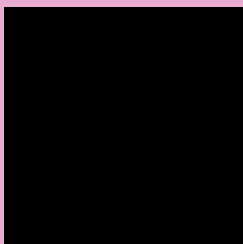
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9700, 50.9990, 65.7672

Background



This preview shows how black text looks on a background with the XYZ color 58.9700, 50.9990, 65.7672.



This preview shows how white text looks on a background with the XYZ color 58.9700, 50.9990,

65.7672.

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

58.9700, 50.9990, 65.7672

Protanopia

50.5152, 51.2905, 72.8833

Deuteranopia

52.2473, 51.1063, 64.8684



Tritanopia

56.8284, 50.9921, 54.9914

Trichromacy



Original Color

58.9700, 50.9990, 65.7672

Protanomaly

53.0953, 50.8165, 69.9609

Deuteranomaly

54.6132, 51.0958, 65.3766

Tritanomaly

57.7330, 51.0806, 59.0412

Monochromacy



Original Color

58.9700, 50.9990, 65.7672

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.5998, 52.5067, 61.3426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9700, 50.9990, 65.7672 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, 172, 207)` looks like.

```
.text, #text, p{  
    color:rgb(231, 172, 207)  
}
```

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, 172, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 172, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.9700, 50.9990, 65.7672 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, 172, 207) }
```


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

```
.border{ border-color:rgb(231, 172, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 172, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 172, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 172, 207); box-shadow:4px 4px 4px 4px rgb(231, 172, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9700, 50.9990, 65.7672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 172, 207) }
```

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

```
.background{ background-color: rgb(231,  
172, 207) }
```

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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