

Converting Colors

XYZ(59.9995, 54.5310, 66.2574)

Have a look what the booklet for
XYZ(59.9995, 54.5310, 66.2574)
contains.

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Color

**XYZ(59.9853, 54.4549,
66.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B6CF
RGB	228, 182, 207
RGB Percent	89%, 71%, 81%
CMY	0.1059, 0.2863, 0.1882
CMYK	0.00, 0.20, 0.09, 0.11
HSL	327°, 46%, 80%
HSV	327°, 20%, 89%
XYZ	59.9853, 54.4549, 66.3808
YIQ	198.6040, 19.3910, 17.5270

Conversions

Conversions Part 2

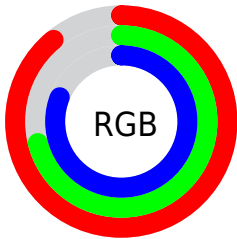
Format	Color
R _Y B	228, 182, 207
Decimal	14989007
CIE Lab	78.73, 20.58, -6.27
CIE LCh	79, 21.513, 343.068
Yxy	54.4549, 0.3317, 0.3012
Android (android.graphics.Color)	4293179087 (0xFFE4B6CF)
YUV	198.6040, 4.1392, 25.7803
Hunter-Lab	73.7936, 15.9603, -1.6787

Details

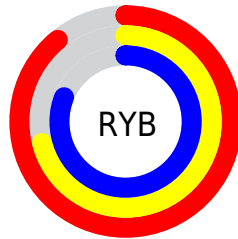
The XYZ color **59.9853, 54.4549, 66.3808** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8164, 69.7450, 66.9180**, and the grayscale version is **54.0128, 56.8257, 61.8832**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.6133, 26.7711, 33.6908** is the 20% darker color. If you saturate the color by 10%, you get **54.4600, 45.3736, 58.4660**, and if you desaturate by 10%, it is **66.3579, 65.0950, 74.9933**.

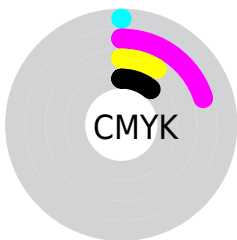
Distribution



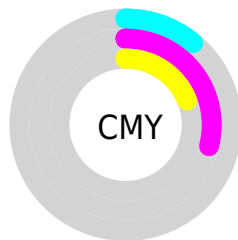
- Red (89%)
- Green (71%)
- Blue (81%)



- Red (89%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9853, 54.4549, 66.3808 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 59.9853, 54.4549, 66.3808 by changing the saturation by 10% instead.


 59.9853, 54.4549,
66.3808

 59.9853, 54.4549,
66.3808


414.3792,
403.8423, 466.1789

 43.6562, 38.9655,
48.1232


 103.9148, 96.7418,
115.6649

 30.5971, 26.7329,
33.5637


132.2459,
124.3081, 147.5285

 20.4425, 17.3727,
22.2840


165.3084,
156.6688, 184.7644

 12.8273, 10.5006,
13.8654

203.4677,
194.2083, 227.7913

 7.3859, 5.7321,
7.8894

247.0890,
237.3111, 277.0276

 3.7530, 2.6829,
3.9375

296.5378,

 1.5634, 0.9685,

286.3614, 332.8920

1.5911

352.1794,
341.7436, 395.8029

■ 0.3684, 0.0000,
0.2845

■ 0.0000, 0.0000,
0.0000

■ 59.9853, 54.4549,
66.3808

■ 59.9853, 54.4549,
66.3808

■ 54.4600, 45.3736,
58.4660

■ 66.3579, 65.0950,
74.9933

■ 49.7388, 37.7698,
51.2247

■ 73.6089, 77.3557,
84.3197

■ 45.7820, 31.5655,
44.6362

■ 81.7734, 91.3044,
94.3798

■ 42.5442, 26.6729,
38.6768

■ 84.7979, 94.8312,
103.1630

■ 39.9751, 22.9940,
33.3212

■ 85.8052, 95.2341,
108.4673

■ 38.0171, 20.4169,
28.5411

■ 36.6023, 18.8085,
24.3046

■ 35.6272, 17.9469,
20.6237

Harmonies

Analogous

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



57.5478, 54.4549, 78.1086



59.9853, 54.4549, 66.3808



60.1429, 54.4549, 54.1506

Triad

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



59.9853, 54.4549, 66.3808



49.9299, 54.4549, 39.2721



46.0082, 54.4549, 76.7740

Complementary

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



59.9853, 54.4549, 66.3808



57.8164, 69.7450, 66.9180

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.



44.1906, 54.4549, 64.7493



59.9853, 54.4549, 66.3808



46.3697, 54.4549, 43.7698

Square

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



59.9853, 54.4549, 66.3808



54.1771, 54.4549, 39.5836



44.3192, 54.4549, 52.7270



49.4115, 54.4549, 84.6495

Rectangle

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



59.9853, 54.4549, 66.3808



58.9208, 54.4549, 47.4047



44.3192, 54.4549, 52.7270



45.2001, 54.4549, 73.0172

Sweetspot

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



59.9869, 54.4573, 66.3820



89.2574, 90.1819, 101.5213



55.2807, 51.7145, 80.4677



18.9752, 19.0840, 21.5622



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.



59.9869, 54.4573, 66.3820



74.3605, 65.3039, 81.4012



57.4080, 53.4258, 52.8018



14.7030, 14.4984, 16.6362



20.6329, 10.3874, 12.2278



1.5715, 0.7863, 1.1498

Inverse Universe

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



59.9869, 54.4573, 66.3820



74.3605, 65.3039, 81.4012



60.7228, 70.9076, 82.2227



14.7030, 14.4984, 16.6362



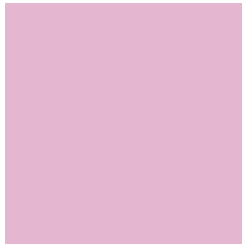
20.6329, 10.3874, 12.2278



1.5715, 0.7863, 1.1498

Previews

White Background



This preview shows how the XYZ color 59.9853, 54.4549, 66.3808 looks on a white background.

Color Contrast Check

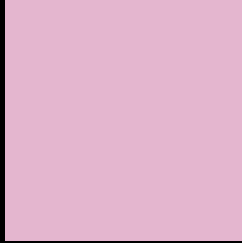
Large Text (above 18pt) WCAG AA × Fail

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 59.9853, 54.4549, 66.3808 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 59.9853, 54.4549, 66.3808

Background



This preview shows how black text looks on a background with the XYZ color 59.9853, 54.4549, 66.3808.



This preview shows how white text looks on a background with the XYZ color 59.9853, 54.4549,

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

59.9853, 54.4549, 66.3808

Protanopia

53.4217, 54.7761, 71.3755

Deuteranopia

55.6327, 54.4067, 65.9619



Tritanopia

59.0121, 54.6891, 60.8719

Trichromacy



Original Color

59.9853, 54.4549, 66.3808

Protanomaly

55.6249, 54.6519, 69.2451

Deuteranomaly

57.0184, 54.1730, 65.8438

Tritanomaly

59.1547, 54.4149, 62.6437

Monochromacy



Original Color

59.9853, 54.4549, 66.3808

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.3090, 56.1058, 63.7388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9853, 54.4549, 66.3808 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(228, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(228, 182, 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(228, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 182, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.9853, 54.4549, 66.3808 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(228, 182, 207) }
```


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

```
.border{ border-color:rgb(228, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(228, 182,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9853, 54.4549, 66.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 182, 207) }
```

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

```
.background{ background-color: rgb(228,  
182, 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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