

Converting Colors

XYZ(59.4219, 54.2802, 66.9701)

Have a look what the booklet for
XYZ(59.4219, 54.2802, 66.9701)
contains.

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Color

**XYZ(59.4771, 54.1787,
66.9973)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B6D0
RGB	226, 182, 208
RGB Percent	89%, 71%, 82%
CMY	0.1137, 0.2863, 0.1843
CMYK	0.00, 0.19, 0.08, 0.11
HSL	325°, 43%, 80%
HSV	325°, 19%, 89%
XYZ	59.4771, 54.1787, 66.9973
YIQ	198.1200, 17.8780, 17.4140

Conversions

Conversions Part 2

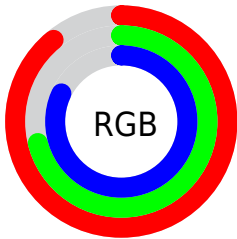
Format	Color
R _Y B	226, 182, 208
Decimal	14857936
CIE Lab	78.57, 20.06, -7.07
CIE LCh	79, 21.265, 340.595
Yxy	54.1787, 0.3292, 0.2999
Android (android.graphics.Color)	4293048016 (0xFFE2B6D0)
YUV	198.1200, 4.8708, 24.4508
Hunter-Lab	73.6062, 15.4252, -2.4422

Details

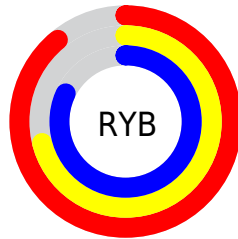
The XYZ color **59.4771, 54.1787, 66.9973** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.9152, 68.5093, 64.8705**, and the grayscale version is **53.7144, 56.5118, 61.5413**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.2606, 26.5797, 34.1073** is the 20% darker color. If you saturate the color by 10%, you get **54.1126, 45.2169, 59.7595**, and if you desaturate by 10%, it is **65.6580, 64.6656, 74.8357**.

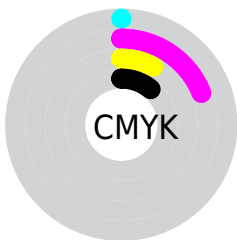
Distribution



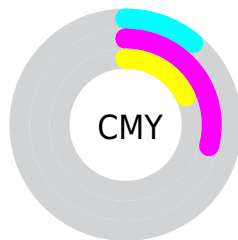
- Red (89%)
- Green (71%)
- Blue (82%)



- Red (89%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4771, 54.1787, 66.9973 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 59.4771, 54.1787, 66.9973 by changing the saturation by 10% instead.

■ 59.4771, 54.1787,
66.9973

■ 59.4771, 54.1787,
66.9973

412.5334,
402.7911, 468.4364

■ 43.2451, 38.7445,
48.6208

■ 103.1814, 96.3366,
116.5572

■ 30.2729, 26.5611,
33.9553

131.3845,
123.8291, 148.5776

■ 20.1949, 17.2438,
22.5822

164.3087,
156.1098, 185.9832

■ 12.6459, 10.4085,
14.0829

202.3193,
193.5632, 229.1924

■ 7.2605, 5.6706,
8.0390

245.7817,
236.5737, 278.6238

■ 3.6733, 2.6459,
4.0318

295.0613,

■ 1.5190, 0.9498,

285.5255, 334.6959

1.6428

350.5234,
340.8032, 397.8272

■ 0.3387, 0.0000,
0.3211

■ 0.0000, 0.0000,
0.0000

■ 59.4771, 54.1787,
66.9973

■ 59.4771, 54.1787,
66.9973

■ 54.1126, 45.2169,
59.7595

■ 65.6580, 64.6656,
74.8357

■ 49.5229, 37.7011,
53.1011

■ 72.6850, 76.7377,
83.2882

■ 45.6698, 31.5558,
47.0042

■ 80.5921, 90.4604,
92.3719

■ 42.5096, 26.6958,
41.4485

■ 83.6036, 94.2806,
100.1668

■ 39.9939, 23.0262,
36.4119

■ 85.0510, 94.8596,
107.7883

■ 38.0677, 20.4389,
31.8699

■ 85.1743, 94.9089,
108.4378

■ 36.6659, 18.8057,
27.7943

■ 35.6826, 17.9172,
24.1434

■ 35.6353, 17.8773,
23.9583

Harmonies

Analogous

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



56.9197, 54.1787, 78.3112



59.4771, 54.1787, 66.9973



59.8305, 54.1787, 54.8484

Triad

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



59.4771, 54.1787, 66.9973



50.0275, 54.1787, 39.0874



45.6146, 54.1787, 75.3217

Complementary

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



59.4771, 54.1787, 66.9973



56.9152, 68.5093, 64.8705

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.



43.9724, 54.1787, 63.3379



59.4771, 54.1787, 66.9973



46.4269, 54.1787, 43.1432

Square

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



59.4771, 54.1787, 66.9973



54.2196, 54.1787, 39.7891



44.2615, 54.1787, 51.6501



48.8637, 54.1787, 83.5500

Rectangle

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



59.4771, 54.1787, 66.9973



58.7490, 54.1787, 48.0061



44.2615, 54.1787, 51.6501



44.8646, 54.1787, 71.5364

Sweetspot

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



59.4787, 54.1811, 66.9984



89.3703, 90.2270, 102.1156



54.1703, 51.1740, 78.9746



19.0019, 19.0946, 21.7027



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.



59.4787, 54.1811, 66.9984



75.4835, 66.6677, 84.4947



56.9994, 53.1894, 53.9428



14.0453, 13.8358, 16.0090



20.3901, 10.2230, 13.9858



1.4575, 0.7263, 1.2018

Inverse Universe

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



59.4787, 54.1811, 66.9984



75.4835, 66.6677, 84.4947



59.6207, 69.5915, 79.1176



14.0453, 13.8358, 16.0090



20.3901, 10.2230, 13.9858



1.4575, 0.7263, 1.2018

Previews

White Background



This preview shows how the XYZ color 59.4771, 54.1787, 66.9973 looks on a white background.

Color Contrast Check

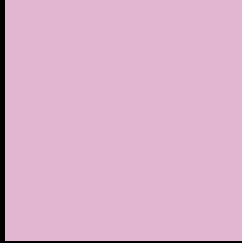
Large Text (above 18pt) WCAG AA × Fail

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 59.4771, 54.1787, 66.9973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

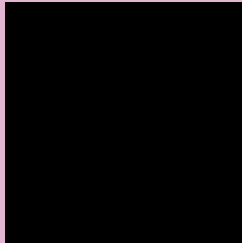
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4771, 54.1787, 66.9973

Background



This preview shows how black text looks on a background with the XYZ color 59.4771, 54.1787, 66.9973.



This preview shows how white text looks on a background with the XYZ color 59.4771, 54.1787,

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

59.4771, 54.1787, 66.9973

Protanopia

53.0739, 54.2527, 71.9645

Deuteranopia

55.4725, 54.3101, 66.5907



Tritanopia

58.3849, 54.3657, 60.8425

Trichromacy



Original Color

59.4771, 54.1787, 66.9973

Protanomaly

54.9831, 53.9860, 69.8098

Deuteranomaly

56.8457, 54.0699, 66.4719

Tritanomaly

58.6455, 54.1388, 63.2360

Monochromacy



Original Color

59.4771, 54.1787, 66.9973

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5227, 55.3734, 63.6389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4771, 54.1787, 66.9973 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(226, 182, 208)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 208)  
}
```

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(226, 182, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.4771, 54.1787, 66.9973 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(226, 182, 208) }
```


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

```
.border{ border-color:rgb(226, 182, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 182, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 182, 208); box-shadow:4px 4px 4px 4px rgb(226, 182, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4771, 54.1787, 66.9973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 208) }
```

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

```
.background{ background-color: rgb(226,  
182, 208) }
```

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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