

Converting Colors

XYZ(59.9729, 50.3290, 58.4596)

Have a look what the booklet for
XYZ(59.9729, 50.3290, 58.4596)
contains.

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Color

**XYZ(59.9447, 50.2783,
58.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A7C3
RGB	241, 167, 195
RGB Percent	95%, 65%, 76%
CMY	0.0549, 0.3451, 0.2353
CMYK	0.00, 0.31, 0.19, 0.05
HSL	337°, 73%, 80%
HSV	337°, 31%, 95%
XYZ	59.9447, 50.2783, 58.1750
YIQ	192.3180, 35.1160, 24.3960

Conversions

Conversions Part 2

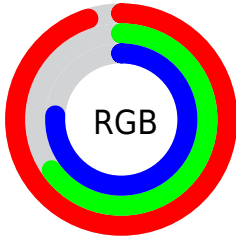
Format	Color
R_{YB}	241, 167, 195
Decimal	15837123
CIE _{Lab}	76.24, 31.20, -3.25
CIE _{LCh}	76, 31.370, 354.045
Yxy	50.2783, 0.3560, 0.2986
Android (android.graphics.Color)	4294027203 (0xFFFF1A7C3)
YUV	192.3180, 1.3222, 42.6941
Hunter-Lab	70.9072, 26.8157, 0.9912

Details

The XYZ color **59.9447, 50.2783, 58.1750** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4040, 75.9316, 74.4798**, and the grayscale version is **50.2681, 52.8859, 57.5928**.

A 20% lighter version of the original color is **85.1984, 81.0636, 103.2519**, and **30.5922, 24.1481, 28.2480** is the 20% darker color. If you saturate the color by 10%, you get **54.3244, 41.6136, 48.3592**, and if you desaturate by 10%, it is **66.5606, 60.6610, 69.1624**.

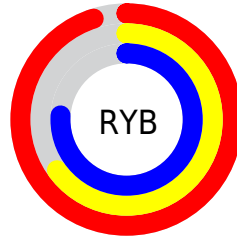
Distribution



Red (95%)

Green (65%)

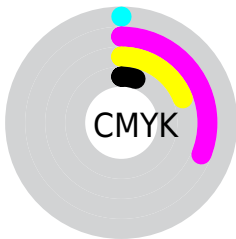
Blue (76%)



Red (95%)

Yellow (65%)

Blue (76%)

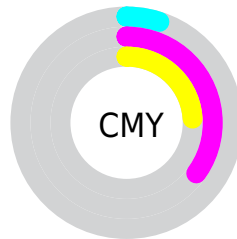


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (5%)



Cyan (5%)


Magenta (35%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9447, 50.2783, 58.1750 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 59.9447, 50.2783, 58.1750 by changing the saturation by 10% instead.


 59.9447, 50.2783,
58.1750


 59.9447, 50.2783,
58.1750


414.2319,
387.7533, 435.4542

 43.6234, 35.6346,
41.5337


 103.8562, 90.5871,
103.6950

 30.5711, 24.1521,
28.4135


 132.1772,
117.0209, 133.4107

 20.4227, 15.4465,
18.3959


165.2286,
148.1536, 168.3217

 12.8127, 9.1333,
11.0622

203.3760,
184.3695, 208.8465

 7.3758, 4.8283,
5.9940

246.9847,
226.0530, 255.4036

 3.7466, 2.1468,
2.7727

296.4200,

 1.5598, 0.6908,

273.5886, 308.4115

0.9798

352.0473,
327.3605, 368.2889

■ 0.3660, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9447, 50.2783,
58.1750

■ 59.9447, 50.2783,
58.1750

■ 54.3244, 41.6136,
48.3592

■ 66.5606, 60.6610,
69.1624

■ 49.6445, 34.5663,
39.6704

■ 74.2147, 72.8411,
81.3575

■ 45.8511, 29.0362,
32.0653

■ 82.9524, 86.9014,
94.7986

■ 42.8824, 24.9087,
25.4963

■ 90.0745, 97.4364,
108.6077

■ 40.6684, 22.0529,
19.9114

■ 90.0859, 97.4409,
108.6677

■ 39.1260, 20.3125,
15.2525

■ 38.1720, 19.4594,
11.6825

Harmonies

Analogous

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



57.5418, 50.2783, 76.0541



59.9447, 50.2783, 58.1750



58.8804, 50.2783, 42.5773

Triad

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



59.9447, 50.2783, 58.1750



43.3257, 50.2783, 30.1690



41.4492, 50.2783, 85.3783

Complementary

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



59.9447, 50.2783, 58.1750



59.4040, 75.9316, 74.4798

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.



38.1843, 50.2783, 69.0335



59.9447, 50.2783, 58.1750



39.2038, 50.2783, 37.8411

Square

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



59.9447, 50.2783, 58.1750



48.9713, 50.2783, 28.4315



37.3972, 50.2783, 51.4516



46.6240, 50.2783, 93.7005

Rectangle

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



59.9447, 50.2783, 58.1750



56.3887, 50.2783, 35.1697



37.3972, 50.2783, 51.4516



40.1096, 50.2783, 80.4965

Sweetspot

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



59.9461, 50.2806, 58.1760



85.9480, 85.3363, 94.9517



57.0322, 48.0822, 89.4946



18.1020, 17.7937, 19.8644



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.



59.9461, 50.2806, 58.1760



63.9271, 50.6289, 58.8346



58.7060, 52.4002, 43.5821



16.0202, 15.8578, 17.6626



20.7601, 10.5765, 6.6532



1.7739, 0.8986, 0.8004

Inverse Universe

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



59.9461, 50.2806, 58.1760



63.9271, 50.6289, 58.8346



60.7752, 72.4877, 94.0081



16.0202, 15.8578, 17.6626



20.7601, 10.5765, 6.6532



1.7739, 0.8986, 0.8004

Previews

White Background



This preview shows how the XYZ color 59.9447, 50.2783, 58.1750 looks on a white background.

Color Contrast Check

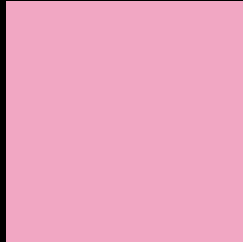
Large Text (above 18pt) WCAG AA × Fail

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 59.9447, 50.2783, 58.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

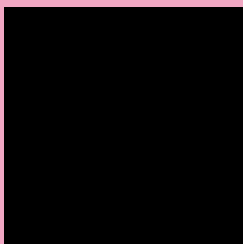
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9447, 50.2783, 58.1750

Background



This preview shows how black text looks on a background with the XYZ color 59.9447, 50.2783, 58.1750.



This preview shows how white text looks on a background with the XYZ color 59.9447, 50.2783,

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

59.9447, 50.2783, 58.1750

Protanopia

49.2825, 50.4847, 66.1785

Deuteranopia

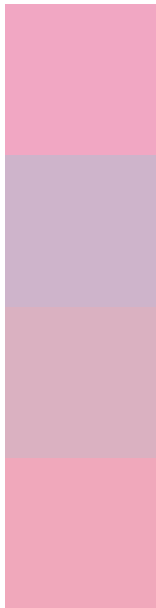
51.6248, 50.6519, 56.9250



Tritanopia

58.5666, 50.2786, 50.8739

Trichromacy



Original Color

59.9447, 50.2783, 58.1750

Protanomaly

52.5543, 50.0761, 63.3957

Deuteranomaly

54.2612, 50.2000, 57.2818

Tritanomaly

58.9075, 50.1184, 53.5828

Monochromacy



Original Color

59.9447, 50.2783, 58.1750

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.1375, 51.4189, 57.5763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9447, 50.2783, 58.1750 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(241, 167, 195)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 195)  
}
```

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(241, 167, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.9447, 50.2783, 58.1750 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(241, 167, 195) }
```


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

```
.border{ border-color:rgb(241, 167, 195) }
```

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

Here you see how a box with a 4 pixel rgb(241, 167, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 195);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9447, 50.2783, 58.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 195) }
```

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

```
.background{ background-color: rgb(241,  
167, 195) }
```

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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