

Converting Colors

XYZ(59.9932, 50.0536, 50.3563)

Have a look what the booklet for
XYZ(59.9932, 50.0536, 50.3563)
contains.

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Color

**XYZ(59.8017, 49.8393,
50.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A5B5
RGB	246, 165, 181
RGB Percent	96%, 65%, 71%
CMY	0.0353, 0.3529, 0.2902
CMYK	0.00, 0.33, 0.26, 0.04
HSL	348°, 82%, 81%
HSV	348°, 33%, 96%
XYZ	59.8017, 49.8393, 50.1841
YIQ	191.0430, 43.1400, 22.1480

Conversions

Conversions Part 2

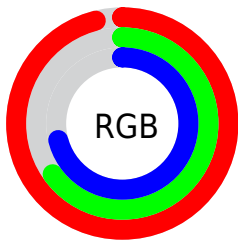
Format	Color
RYB	246, 165, 181
Decimal	16164277
CIELab	75.97, 32.02, 4.08
CIELCh	76, 32.279, 7.262
Yxy	49.8393, 0.3742, 0.3118
Android (android.graphics.Color)	4294354357 (0xFFFF6A5B5)
YUV	191.0430, -4.9512, 48.1973
Hunter-Lab	70.5970, 27.6602, 7.2714

Details

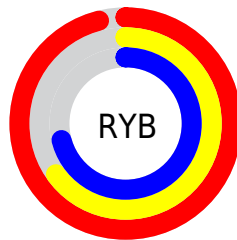
The XYZ color **59.8017, 49.8393, 50.1841** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7580, 79.6253, 86.9286**, and the grayscale version is **49.5577, 52.1386, 56.7789**.

A 20% lighter version of the original color is **82.3825, 79.0873, 91.0441**, and **30.4295, 23.8382, 23.4195** is the 20% darker color. If you saturate the color by 10%, you get **53.8997, 41.0504, 38.9208**, and if you desaturate by 10%, it is **66.8469, 60.4544, 63.2457**.

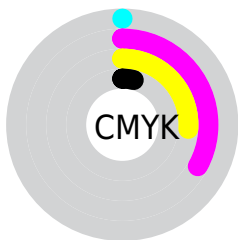
Distribution



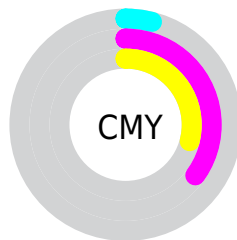
- Red (96%)
- Green (65%)
- Blue (71%)



- Red (96%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (33%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8017, 49.8393, 50.1841 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 59.8017, 49.8393, 50.1841 by changing the saturation by 10% instead.


 59.8017, 49.8393,
50.1841


 59.8017, 49.8393,
50.1841


413.7129,
386.0372, 404.1411

 43.5077, 35.2857,
35.1875


 103.6499, 89.9367,
91.8467

 30.4799, 23.8831,
23.5226


 131.9349,
116.2494, 119.3498

 20.3530, 15.2469,
14.7710


164.9474,
147.2505, 151.8588

 12.7617, 8.9928,
8.5140

203.0531,
183.3245, 189.7922

 7.3405, 4.7365,
4.3331

246.6171,
224.8558, 233.5686

 3.7242, 2.0935,
1.8098

296.0048,

 1.5473, 0.6610,

272.2287, 283.6065

0.4344

351.5816,
325.8277, 340.3245

■ 0.3577, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8017, 49.8393,
50.1841

■ 59.8017, 49.8393,
50.1841

■ 53.8997, 41.0504,
38.9208

■ 66.8469, 60.4544,
63.2457

■ 49.0756, 33.9776,
29.3733

■ 75.0877, 72.9836,
78.1772

■ 45.2639, 28.5099,
21.4567

■ 84.5780, 87.5174,
95.0498

■ 42.3899, 24.5205,
15.0777

■ 91.8162, 98.3329,
108.7487

■ 40.3685, 21.8629,
10.1332

■ 39.0977, 20.3604,
6.5061

■ 38.5518, 19.8112,
4.6516

Harmonies

Analogous

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



58.8646, 49.8393, 68.1100



59.8017, 49.8393, 50.1841



57.1900, 49.8393, 36.5727

Triad

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



59.8017, 49.8393, 50.1841



40.7043, 49.8393, 31.9334



43.0375, 49.8393, 90.9288

Complementary

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



59.8017, 49.8393, 50.1841



62.7580, 79.6253, 86.9286

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.



38.7451, 49.8393, 76.9065



59.8017, 49.8393, 50.1841



37.4798, 49.8393, 42.4388

Square

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



59.8017, 49.8393, 50.1841



45.9230, 49.8393, 27.5837



36.7942, 49.8393, 58.5646



48.8487, 49.8393, 94.2262

Rectangle

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



59.8017, 49.8393, 50.1841



53.9082, 49.8393, 30.8912



36.7942, 49.8393, 58.5646



41.3844, 49.8393, 87.1883

Sweetspot

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



59.8031, 49.8417, 50.1851



84.3263, 83.5471, 89.9278



62.6604, 50.3565, 93.6064



17.7506, 17.4260, 18.7145



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.



59.8031, 49.8417, 50.1851



60.1879, 47.0651, 45.5201



63.0615, 58.8361, 43.6331



16.6329, 16.5360, 17.8134



20.6164, 10.5900, 2.6881



1.8468, 0.9447, 0.4196

Inverse Universe

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



59.8031, 49.8417, 50.1851



60.1879, 47.0651, 45.5201



58.1952, 66.7384, 97.0038



16.6329, 16.5360, 17.8134



20.6164, 10.5900, 2.6881



1.8468, 0.9447, 0.4196

Previews

White Background



This preview shows how the XYZ color 59.8017, 49.8393, 50.1841 looks on a white background.

Color Contrast Check

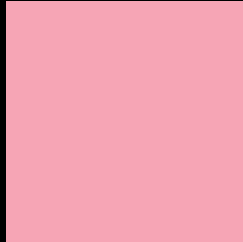
Large Text (above 18pt) WCAG AA × Fail

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 59.8017, 49.8393, 50.1841 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 59.8017, 49.8393, 50.1841

Background



This preview shows how black text looks on a background with the XYZ color 59.8017, 49.8393, 50.1841.



This preview shows how white text looks on a background with the XYZ color 59.8017, 49.8393,

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

59.8017, 49.8393, 50.1841

Protanopia

48.3822, 50.2097, 57.5935

Deuteranopia

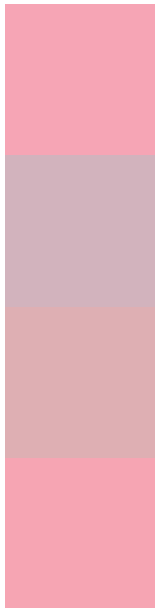
50.8543, 49.8174, 49.0549



Tritanopia

59.4971, 49.7174, 48.5801

Trichromacy



Original Color

59.8017, 49.8393, 50.1841

Protanomaly

51.8837, 49.6160, 54.9864

Deuteranomaly

53.5909, 49.4442, 49.3670

Tritanomaly

59.5979, 49.7578, 49.1109

Monochromacy



Original Color

59.8017, 49.8393, 50.1841

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.5616, 50.8926, 54.0667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8017, 49.8393, 50.1841 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(246, 165, 181) looks like.

```
.text, #text, p{  
    color:rgb(246, 165, 181)  
}
```

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(246, 165, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 165, 181) }
```

Border

The CSS property to change the border of an element to XYZ 59.8017, 49.8393, 50.1841 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(246, 165, 181) }
```


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

```
.border{ border-color:rgb(246, 165, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 165, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 165, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 165, 181);  
box-shadow:4px 4px 4px 4px rgb(246, 165,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8017, 49.8393, 50.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 165, 181) }
```

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

```
.background{ background-color: rgb(246,  
165, 181) }
```

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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