

Converting Colors

XYZ(58.6560, 49.8163, 39.9279)

Have a look what the booklet for
XYZ(58.6560, 49.8163, 39.9279)
contains.

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Color

**XYZ(58.6928, 49.7670,
39.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A6A0
RGB	248, 166, 160
RGB Percent	97%, 65%, 63%
CMY	0.0275, 0.3490, 0.3725
CMYK	0.00, 0.33, 0.35, 0.03
HSL	4°, 86%, 80%
HSV	4°, 35%, 97%
XYZ	58.6928, 49.7670, 39.7702
YIQ	189.8340, 50.7980, 15.5180

Conversions

Conversions Part 2

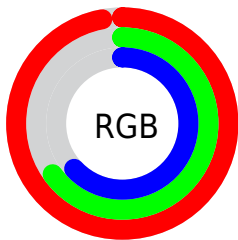
Format	Color
R_{YB}	248, 166, 160
Decimal	16295584
CIE Lab	75.93, 29.55, 15.53
CIE LCh	76, 33.379, 27.724
Yxy	49.7670, 0.3960, 0.3357
Android (android.graphics.Color)	4294485664 (0xFFF8A6A0)
YUV	189.8340, -14.7082, 51.0116
Hunter-Lab	70.5457, 25.0538, 15.9572

Details

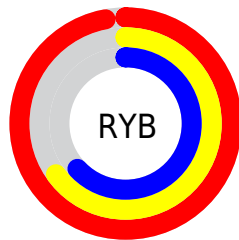
The XYZ color **58.6928, 49.7670, 39.7702** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.1913, 77.7521, 100.4841**, and the grayscale version is **48.9107, 51.4579, 56.0376**.

A 20% lighter version of the original color is **79.6270, 78.4088, 75.2276**, and **29.6517, 23.7332, 17.4861** is the 20% darker color. If you saturate the color by 10%, you get **52.9061, 41.3260, 28.1843**, and if you desaturate by 10%, it is **65.6696, 59.8952, 53.8887**.

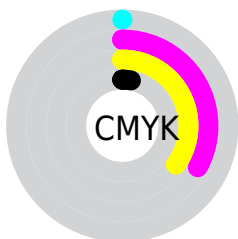
Distribution



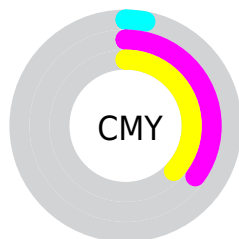
- Red (97%)
- Green (65%)
- Blue (63%)



- Red (97%)
- Yellow (65%)
- Blue (63%)



- Cyan (0%)
- Magenta (33%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6928, 49.7670, 39.7702 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 58.6928, 49.7670, 39.7702 by changing the saturation by 10% instead.


 58.6928, 49.7670,
39.7702


 58.6928, 49.7670,
39.7702


409.6749,
385.7541, 360.6773

 42.6113, 35.2283,
27.0470

 102.0482, 89.8296,
76.0467

 29.7734, 23.8388,
17.3758


 130.0529,
116.1222, 100.4371

 19.8139, 15.2141,
10.3380


162.7626,
147.1016, 129.5536

 12.3673, 8.9698,
5.5151

200.5427,
183.1522, 163.8148

 7.0683, 4.7215,
2.4886

243.7587,
224.6583, 203.6393

 3.5516, 2.0848,
0.8341

292.7758,

 1.4517, 0.6560,

272.0044, 249.4455

0.0000

347.9594,
325.5749, 301.6520

■ 0.2926, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6928, 49.7670,
39.7702

■ 58.6928, 49.7670,
39.7702

■ 52.9061, 41.3260,
28.1843

■ 65.6696, 59.8952,
53.8887

■ 48.2392, 34.4739,
18.9783

■ 73.8936, 71.7876,
70.6744

■ 44.6207, 29.1130,
11.9877

■ 83.4231, 85.5254,
90.2556

■ 41.9690, 25.1324,
7.0259

■ 92.5214, 98.6965,
108.7817

■ 40.1906, 22.4054,
3.8755

■ 39.1733, 20.7816,
2.2693

■ 38.9107, 20.3550,
1.8781

Harmonies

Analogous

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



60.2807, 49.7670, 55.5590



58.6928, 49.7670, 39.7702



53.9772, 49.7670, 30.0898

Triad

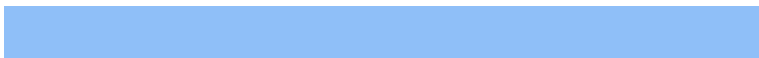
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.6928, 49.7670, 39.7702



37.8976, 49.7670, 37.8845



46.8288, 49.7670, 96.1012

Complementary

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



58.6928, 49.7670, 39.7702



63.1913, 77.7521, 100.4841

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.



41.2012, 49.7670, 88.5943



58.6928, 49.7670, 39.7702



36.3343, 49.7670, 52.8393

Square

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



58.6928, 49.7670, 39.7702



41.9559, 49.7670, 29.1804



37.4895, 49.7670, 71.7263



53.0841, 49.7670, 90.4949

Rectangle

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



58.6928, 49.7670, 39.7702



49.8897, 49.7670, 27.1463



37.4895, 49.7670, 71.7263



44.8055, 49.7670, 94.9980

Sweetspot

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



58.6941, 49.7694, 39.7712



83.0800, 82.7668, 84.2337



67.3295, 51.5173, 90.5047



17.4925, 17.2973, 17.4340



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.



58.6941, 49.7694, 39.7712



57.7418, 46.0430, 32.7736



68.0705, 68.5222, 42.8966



17.3397, 17.4153, 17.9100



21.0543, 11.0652, 1.0261



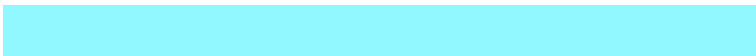
1.9821, 1.0891, 0.1058

Inverse Universe

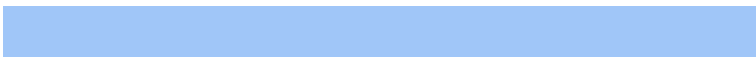
The Inverse Universe completely reimagines the original color for something new.



63.1913, 77.7521, 100.4841



63.2079, 80.1098, 106.7391



51.6655, 54.7005, 96.6422



17.6585, 19.3938, 22.1980



24.6433, 34.6421, 53.3613



2.3120, 3.2677, 4.9520

Previews

White Background



This preview shows how the XYZ color 58.6928, 49.7670, 39.7702 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 58.6928, 49.7670, 39.7702 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 58.6928, 49.7670, 39.7702

Background



This preview shows how black text looks on a background with the XYZ color 58.6928, 49.7670, 39.7702.



This preview shows how white text looks on a background with the XYZ color 58.6928, 49.7670,

39.7702.

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

58.6928, 49.7670, 39.7702

Protanopia

47.6267, 50.0830, 45.6849

Deuteranopia

50.7260, 49.6758, 38.8131



Tritanopia

60.5363, 50.0095, 47.5365

Trichromacy



Original Color

58.6928, 49.7670, 39.7702

Protanomaly

50.8267, 49.3264, 43.4013

Deuteranomaly

53.4964, 49.6225, 39.1063

Tritanomaly

59.7778, 49.9523, 44.5213

Monochromacy



Original Color

58.6928, 49.7670, 39.7702

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.5245, 50.1513, 49.6124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6928, 49.7670, 39.7702 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(248, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(248, 166, 160)  
}
```

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(248, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 166, 160) }
```

Border

The CSS property to change the border of an element to XYZ 58.6928, 49.7670, 39.7702 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(248, 166, 160) }
```


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

```
.border{ border-color:rgb(248, 166, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(248, 166,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6928, 49.7670, 39.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 166, 160) }
```

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

```
.background{ background-color: rgb(248,  
166, 160) }
```

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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