

Converting Colors

XYZ(58.6303, 49.2403, 39.1037)

Have a look what the booklet for
XYZ(58.6303, 49.2403, 39.1037)
contains.

XYZ(58.6004, 49.1939, 39.2077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.6004, 49.1939,
39.2077)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A49F
RGB	249, 164, 159
RGB Percent	98%, 64%, 62%
CMY	0.0235, 0.3568, 0.3765
CMYK	0.00, 0.34, 0.36, 0.02
HSL	3°, 88%, 80%
HSV	3°, 36%, 98%
XYZ	58.6004, 49.1939, 39.2077
YIQ	188.8450, 52.2650, 16.4650

Conversions

Conversions Part 2

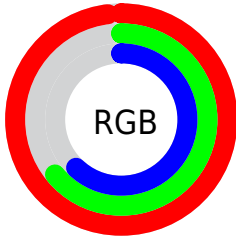
Format	Color
R_{YB}	249, 164, 159
Decimal	16360607
CIE _{Lab}	75.57, 30.85, 15.59
CIE _{LCh}	76, 34.568, 26.816
Yxy	49.1939, 0.3986, 0.3346
Android (android.graphics.Color)	4294550687 (0xFFFF9A49F)
YUV	188.8450, -14.7136, 52.7559
Hunter-Lab	70.1384, 26.3941, 15.9534

Details

The XYZ color **58.6004, 49.1939, 39.2077** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7463, 78.9087, 101.4936**, and the grayscale version is **48.3429, 50.8605, 55.3871**.

A 20% lighter version of the original color is **78.9708, 77.3014, 74.3768**, and **29.6264, 23.3987, 17.1423** is the 20% darker color. If you saturate the color by 10%, you get **52.8271, 40.7639, 27.6752**, and if you desaturate by 10%, it is **65.5895, 59.3588, 53.2936**.

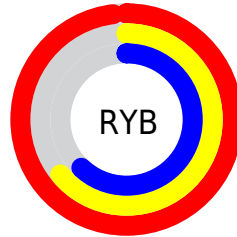
Distribution



Red (98%)

Green (64%)

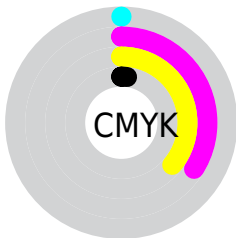
Blue (62%)



Red (98%)

Yellow (64%)

Blue (62%)

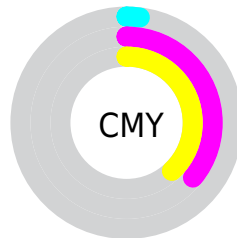


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6004, 49.1939, 39.2077 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 58.6004, 49.1939, 39.2077 by changing the saturation by 10% instead.


 58.6004, 49.1939,
39.2077

 58.6004, 49.1939,
39.2077


409.3373,
383.5052, 358.2250

 42.5367, 34.7733,
26.6123

 101.9146, 88.9794,
75.1793

 29.7147, 23.4883,
17.0524


 129.8958,
115.1130, 99.3926

 19.7691, 14.9545,
10.1095


162.5802,
145.9199, 128.3156

 12.3346, 8.7874,
5.3651

200.3331,
181.7843, 162.3669

 7.0458, 4.6028,
2.4005

243.5199,
223.0906, 201.9649

 3.5374, 2.0162,
0.7867

292.5060,

 1.4439, 0.6168,

270.2232, 247.5282

0.0000

347.6567,
323.5666, 299.4754

■ 0.2872, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6004, 49.1939,
39.2077

■ 58.6004, 49.1939,
39.2077

■ 52.8271, 40.7639,
27.6752

■ 65.5895, 59.3588,
53.2936

■ 48.1966, 33.9653,
18.5406

■ 73.8544, 71.3403,
70.0702

■ 44.6339, 28.6945,
11.6356

■ 83.4556, 85.2236,
89.6683

■ 42.0536, 24.8333,
6.7693

■ 92.8769, 98.8797,
108.7983

■ 40.3568, 22.2460,
3.7184

■ 39.4242, 20.7702,
2.2069

■ 39.2219, 20.4497,
1.8800

Harmonies

Analogous

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



60.1272, 49.1939, 55.5416



58.6004, 49.1939, 39.2077



53.8086, 49.1939, 29.1844

Triad

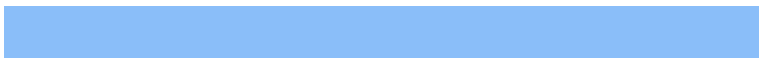
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.6004, 49.1939, 39.2077



37.2110, 49.1939, 36.5226



46.0784, 49.1939, 96.9319

Complementary

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



58.6004, 49.1939, 39.2077



63.7463, 78.9087, 101.4936

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.



40.3506, 49.1939, 88.7346



58.6004, 49.1939, 39.2077



35.5327, 49.1939, 51.6335

Square

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



58.6004, 49.1939, 39.2077



41.4313, 49.1939, 27.9002



36.6281, 49.1939, 71.0554



52.5213, 49.1939, 91.4985

Rectangle

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



58.6004, 49.1939, 39.2077



49.6155, 49.1939, 26.0916



36.6281, 49.1939, 71.0554



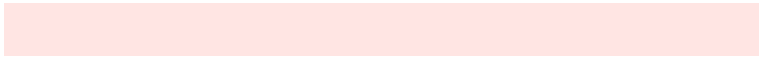
44.0110, 49.1939, 95.6412

Sweetspot

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



58.6017, 49.1963, 39.2087



82.9822, 82.5711, 84.2011



67.8705, 51.4985, 92.3496



17.4695, 17.2511, 17.4263



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.



58.6017, 49.1963, 39.2087



57.5168, 45.5930, 32.6986



68.0031, 67.9992, 42.3425



17.3221, 17.3800, 17.9041



21.0259, 11.0084, 1.0166



1.9737, 1.0723, 0.1030

Inverse Universe

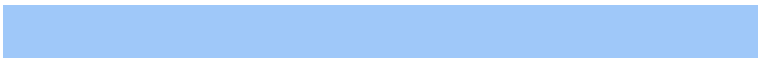
The Inverse Universe completely reimagines the original color for something new.



63.7463, 78.9087, 101.4936



63.6341, 80.9622, 106.8811



51.9360, 55.2883, 97.5569



17.6783, 19.4334, 22.2046



25.1140, 35.5836, 53.5182



2.3505, 3.3447, 4.9649

Previews

White Background



This preview shows how the XYZ color 58.6004, 49.1939, 39.2077 looks on a white background.

Color Contrast Check

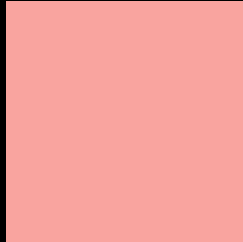
Large Text (above 18pt) WCAG AA × Fail

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 58.6004, 49.1939, 39.2077 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 58.6004, 49.1939, 39.2077

Background



This preview shows how black text looks on a background with the XYZ color 58.6004, 49.1939, 39.2077.



This preview shows how white text looks on a background with the XYZ color 58.6004, 49.1939,

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

58.6004, 49.1939, 39.2077

Protanopia

47.0627, 49.4894, 45.1022

Deuteranopia

50.1452, 49.0876, 38.2844



Tritanopia

59.9847, 49.2206, 46.3834

Trichromacy



Original Color

58.6004, 49.1939, 39.2077

Protanomaly

50.5349, 48.8901, 42.8497

Deuteranomaly

52.9004, 49.0373, 38.5753

Tritanomaly

59.6830, 49.3830, 43.9223

Monochromacy



Original Color

58.6004, 49.1939, 39.2077

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.2211, 49.7058, 49.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6004, 49.1939, 39.2077 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(249, 164, 159) looks like.

```
.text, #text, p{  
    color:rgb(249, 164, 159)  
}
```

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(249, 164, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 164, 159) }
```

Border

The CSS property to change the border of an element to XYZ 58.6004, 49.1939, 39.2077 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(249, 164, 159) }
```


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

```
.border{ border-color:rgb(249, 164, 159) }
```

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

Here you see how a box with a 4 pixel rgb(249, 164, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 164, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 164, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 164,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6004, 49.1939, 39.2077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 164, 159) }
```

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

```
.background{ background-color: rgb(249,  
164, 159) }
```

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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