

Converting Colors

XYZ(59.1108, 53.9884, 39.6531)

Have a look what the booklet for
XYZ(59.1108, 53.9884, 39.6531)
contains.

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Color

**XYZ(59.1108, 53.9884,
39.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B49E
RGB	242, 180, 158
RGB Percent	95%, 71%, 62%
CMY	0.0510, 0.2941, 0.3804
CMYK	0.00, 0.26, 0.35, 0.05
HSL	16°, 76%, 78%
HSV	16°, 35%, 95%
XYZ	59.1108, 53.9884, 39.6531
YIQ	196.0300, 44.0140, 6.3020

Conversions

Conversions Part 2

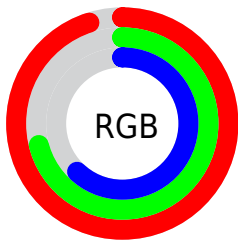
Format	Color
R _Y B	242, 188, 158
Decimal	15905950
CIE Lab	78.45, 19.66, 20.03
CIE LCh	78, 28.062, 45.540
Yxy	53.9884, 0.3870, 0.3534
Android (android.graphics.Color)	4294096030 (0xFFFF2B49E)
YUV	196.0300, -18.7488, 40.3157
Hunter-Lab	73.4768, 15.0157, 19.4368

Details

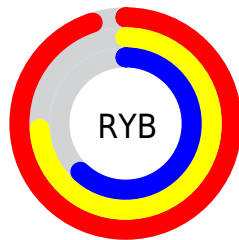
The XYZ color **59.1108, 53.9884, 39.6531** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.7199, 64.8641, 93.5878**, and the grayscale version is **52.5790, 55.3172, 60.2404**.

A 20% lighter version of the original color is **83.2457, 86.0550, 75.1735**, and **30.0104, 26.4306, 17.4298** is the 20% darker color. If you saturate the color by 10%, you get **53.8533, 46.4850, 28.6159**, and if you desaturate by 10%, it is **65.2460, 62.5902, 53.0075**.

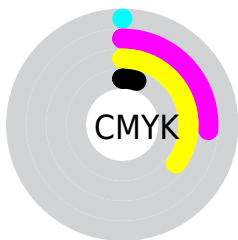
Distribution



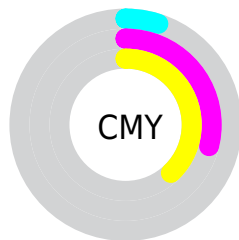
- Red (95%)
- Green (71%)
- Blue (62%)



- Red (95%)
- Yellow (74%)
- Blue (62%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1108, 53.9884, 39.6531 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 59.1108, 53.9884, 39.6531 by changing the saturation by 10% instead.


 59.1108, 53.9884,
39.6531


 59.1108, 53.9884,
39.6531

411.1999,
402.0658, 360.1678

 42.9490, 38.5924,
26.9564


 102.6524, 96.0572,
75.8663

 30.0395, 26.4428,
17.3084


 130.7629,
123.4988, 100.2199

 20.0168, 17.1552,
10.2903


163.5871,
155.7244, 129.2962

 12.5156, 10.3452,
5.4838

201.4902,
193.1183, 163.5138

 7.1705, 5.6284,
2.4701

244.8377,
236.0650, 203.2912

 3.6162, 2.6205,
0.8243

293.9949,

 1.4874, 0.9370,

284.9489, 249.0470

0.0000

349.3272,
340.1544, 301.1997

■ 0.3172, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1108, 53.9884,
39.6531

■ 59.1108, 53.9884,
39.6531

■ 53.8533, 46.4850,
28.6159

■ 65.2460, 62.5902,
53.0075

■ 49.4273, 40.0274,
19.7593

■ 72.2935, 72.3251,
68.7985

■ 45.7890, 34.5701,
12.9375

■ 80.2911, 83.2354,
87.1408

■ 42.8880, 30.0609,
7.9853

■ 89.2734, 95.3591,
108.1413

■ 40.6678, 26.4425,
4.7109

■ 90.4280, 97.6173,
108.6837

■ 39.0616, 23.6504,
2.8803

■ 38.4175, 22.4763,
2.3135

Harmonies

Analogous

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



62.2311, 53.9884, 51.0130



59.1108, 53.9884, 39.6531



54.0098, 53.9884, 33.9954

Triad

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



59.1108, 53.9884, 39.6531



41.7103, 53.9884, 51.5178



54.2099, 53.9884, 93.1911

Complementary

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



59.1108, 53.9884, 39.6531



55.7199, 64.8641, 93.5878

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.



48.7101, 53.9884, 93.3928



59.1108, 53.9884, 39.6531



41.7554, 53.9884, 67.3071

Square

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



59.1108, 53.9884, 39.6531



44.1076, 53.9884, 39.9653



44.2355, 53.9884, 83.2503



59.2663, 53.9884, 82.7407

Rectangle

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



59.1108, 53.9884, 39.6531



50.2968, 53.9884, 33.4288



44.2355, 53.9884, 83.2503



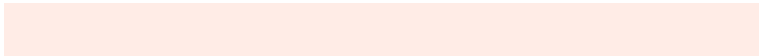
52.3455, 53.9884, 94.5147

Sweetspot

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



59.1122, 53.9910, 39.6542



85.5001, 87.0398, 86.7893



61.8963, 48.5520, 74.5161



18.0322, 18.2636, 17.9625



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.



59.1122, 53.9910, 39.6542



62.0942, 54.4285, 35.2085



68.6463, 73.0591, 42.8322



16.1095, 16.4321, 16.4724



20.7324, 12.2628, 1.2742



1.8030, 1.1768, 0.1321

Inverse Universe

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



55.7199, 64.8641, 93.5878



57.6983, 68.4139, 104.7719



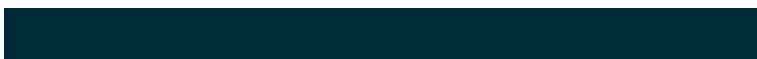
46.2482, 45.9207, 90.4306



15.8766, 17.1873, 20.2023



17.3442, 20.9127, 48.2503



1.5232, 1.9005, 4.0408

Previews

White Background



This preview shows how the XYZ color 59.1108, 53.9884, 39.6531 looks on a white background.

Color Contrast Check

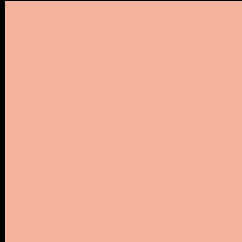
Large Text (above 18pt) WCAG AA × Fail

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 59.1108, 53.9884, 39.6531 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 59.1108, 53.9884, 39.6531

Background



This preview shows how black text looks on a background with the XYZ color 59.1108, 53.9884, 39.6531.



This preview shows how white text looks on a background with the XYZ color 59.1108, 53.9884,

39.6531.

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

59.1108, 53.9884, 39.6531

Protanopia

51.2602, 54.2793, 43.3726

Deuteranopia

55.2202, 54.1437, 39.4387



Tritanopia

62.3668, 54.1373, 55.3066

Trichromacy



Original Color

59.1108, 53.9884, 39.6531

Protanomaly

53.6326, 53.9093, 41.7612

Deuteranomaly

56.5050, 53.8711, 39.3183

Tritanomaly

61.0662, 53.8917, 49.3031

Monochromacy



Original Color

59.1108, 53.9884, 39.6531

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.2975, 54.3504, 51.8849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1108, 53.9884, 39.6531 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(242, 180, 158)` looks like.

```
.text, #text, p{  
    color:rgb(242, 180, 158)  
}
```

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(242, 180, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 180, 158) }
```

Border

The CSS property to change the border of an element to XYZ 59.1108, 53.9884, 39.6531 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(242, 180, 158) }
```


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

```
.border{ border-color:rgb(242, 180, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 180, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 180, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 180, 158);  
box-shadow:4px 4px 4px 4px rgb(242, 180,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1108, 53.9884, 39.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 180, 158) }
```

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

```
.background{ background-color: rgb(242,  
180, 158) }
```

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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