

Converting Colors

XYZ(60.6915, 55.2879, 39.3552)

Have a look what the booklet for
XYZ(60.6915, 55.2879, 39.3552)
contains.

XYZ(60.8198, 55.4830, 39.4020)	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(60.8198, 55.4830,
39.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B69D
RGB	246, 182, 157
RGB Percent	96%, 71%, 62%
CMY	0.0353, 0.2863, 0.3843
CMYK	0.00, 0.26, 0.36, 0.04
HSL	17°, 83%, 79%
HSV	17°, 36%, 96%
XYZ	60.8198, 55.4830, 39.4020
YIQ	198.2860, 46.1690, 5.7930

Conversions

Conversions Part 2

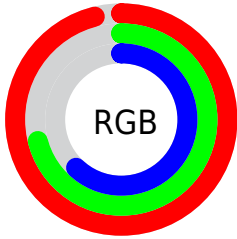
Format	Color
R _Y B	246, 192, 157
Decimal	16168605
CIE Lab	79.32, 20.01, 21.82
CIE LCh	79, 29.604, 47.483
Yxy	55.4830, 0.3906, 0.3563
Android (android.graphics.Color)	4294358685 (0xFFF6B69D)
YUV	198.2860, -20.3540, 41.8452
Hunter-Lab	74.4869, 15.3961, 20.7777

Details

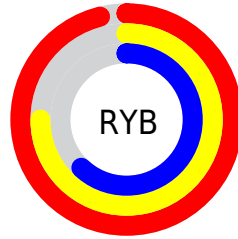
The XYZ color **60.8198, 55.4830, 39.4020** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.3948, 65.5326, 96.8657**, and the grayscale version is **53.9520, 56.7617, 61.8135**.

A 20% lighter version of the original color is **83.6982, 87.1625, 74.7000**, and **31.1908, 27.4325, 17.2867** is the 20% darker color. If you saturate the color by 10%, you get **55.5309, 47.9346, 28.2996**, and if you desaturate by 10%, it is **66.9921, 64.1210, 52.8861**.

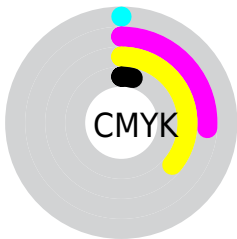
Distribution



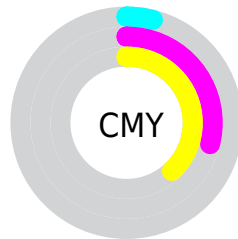
- Red (96%)
- Green (71%)
- Blue (62%)



- Red (96%)
- Yellow (75%)
- Blue (62%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8198, 55.4830, 39.4020 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 60.8198, 55.4830, 39.4020 by changing the saturation by 10% instead.


 60.8198, 55.4830,
39.4020

 60.8198, 55.4830,
39.4020

417.3995,
407.7402, 359.0735

 44.3317, 39.7886,
26.7624


 105.1176, 98.2483,
75.4791

 31.1304, 27.3737,
17.1640


 133.6580,
126.0879, 99.7537

 20.8505, 17.8541,
10.1883


166.9466,
158.7447, 128.7437

 13.1266, 10.8453,
5.4167

205.3487,
196.6031, 162.8676

 7.5934, 5.9629,
2.4308

249.2297,
240.0474, 202.5440

 3.8855, 2.8225,
0.8031

298.9549,

 1.6376, 1.0398,

289.4621, 248.1914

0.0000

354.8897,
345.2316, 300.2284

■ 0.4167, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8198, 55.4830,
39.4020

■ 60.8198, 55.4830,
39.4020

■ 55.5309, 47.9346,
28.2996

■ 66.9921, 64.1210,
52.8861

■ 51.0784, 41.4236,
19.4354

■ 74.0829, 73.8824,
68.8771

■ 47.4177, 35.9054,
12.6557

■ 82.1307, 84.8089,
87.4954

■ 44.4972, 31.3285,
7.7854

■ 91.1057, 96.9121,
108.5119

■ 42.2589, 27.6364,
4.6205

■ 91.8161, 98.3329,
108.7487

■ 40.6334, 24.7652,
2.9085

■ 40.1413, 23.8633,
2.4904

Harmonies

Analogous

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



64.3719, 55.4830, 51.1249



60.8198, 55.4830, 39.4020



55.2442, 55.4830, 33.8170

Triad

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



60.8198, 55.4830, 39.4020



42.3711, 55.4830, 53.6089



56.2342, 55.4830, 97.2063

Complementary

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



60.8198, 55.4830, 39.4020



56.3948, 65.5326, 96.8657

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.



50.3028, 55.4830, 98.2152



60.8198, 55.4830, 39.4020



42.5924, 55.4830, 70.7598

Square

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



60.8198, 55.4830, 39.4020



44.7711, 55.4830, 40.9257



45.4003, 55.4830, 87.8110



61.5912, 55.4830, 85.2691

Rectangle

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



60.8198, 55.4830, 39.4020



51.2642, 55.4830, 33.4799



45.4003, 55.4830, 87.8110



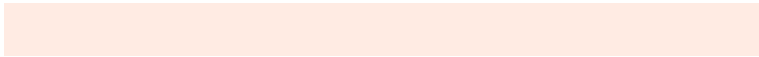
54.2335, 55.4830, 98.9052

Sweetspot

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



60.8212, 55.4856, 39.4031



84.7581, 86.1231, 84.7931



63.2840, 48.9956, 75.4168



17.8895, 18.0912, 17.5663



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.



60.8212, 55.4856, 39.4031



61.9340, 54.4273, 34.1710



71.0805, 76.0042, 42.8229



16.8782, 17.2404, 17.2357



21.5276, 12.9407, 1.3632



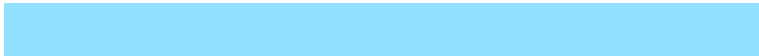
1.9754, 1.3040, 0.1476

Inverse Universe

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



56.3948, 65.5326, 96.8657



56.4964, 66.6868, 104.5019



46.4137, 45.5705, 93.5387



16.5802, 17.9247, 21.1285



17.3833, 20.5603, 49.5904



1.6144, 1.9803, 4.3874

Previews

White Background



This preview shows how the XYZ color 60.8198, 55.4830, 39.4020 looks on a white background.

Color Contrast Check

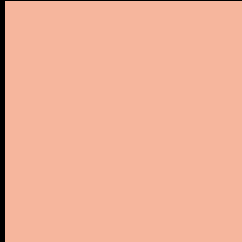
Large Text (above 18pt) WCAG AA × Fail

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 60.8198, 55.4830, 39.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

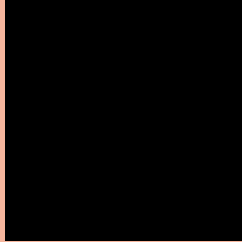
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8198, 55.4830, 39.4020

Background



This preview shows how black text looks on a background with the XYZ color 60.8198, 55.4830, 39.4020.



This preview shows how white text looks on a background with the XYZ color 60.8198, 55.4830,

39.4020.

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

60.8198, 55.4830, 39.4020

Protanopia

52.4532, 55.5701, 43.0835

Deuteranopia

56.8315, 55.6185, 39.1926



Tritanopia

64.1930, 55.3456, 56.5896

Trichromacy



Original Color

60.8198, 55.4830, 39.4020

Protanomaly

55.1880, 55.3644, 41.4959

Deuteranomaly

58.1517, 55.3510, 39.0714

Tritanomaly

62.9682, 55.4513, 50.0322

Monochromacy



Original Color

60.8198, 55.4830, 39.4020

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.4212, 55.5652, 52.6039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8198, 55.4830, 39.4020 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, 182, 157)` looks like.

```
.text, #text, p{  
    color:rgb(246, 182, 157)  
}
```

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, 182, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 182, 157) }
```

Border

The CSS property to change the border of an element to XYZ 60.8198, 55.4830, 39.4020 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, 182, 157) }
```


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

```
.border{ border-color:rgb(246, 182, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 182, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 182, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 182, 157);  
box-shadow:4px 4px 4px 4px rgb(246, 182,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8198, 55.4830, 39.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 182, 157) }
```

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

```
.background{ background-color: rgb(246,  
182, 157) }
```

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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