

Converting Colors

XYZ(50.1409, 39.1377, 22.0488)

Have a look what the booklet for
XYZ(50.1409, 39.1377, 22.0488)
contains.

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Color

**XYZ(50.1588, 39.1857,
22.0595)**

Conversions

Conversions Part 1

Format	Color
Hex	F58B76
RGB	245, 139, 118
RGB Percent	96%, 55%, 46%
CMY	0.0392, 0.4549, 0.5372
CMYK	0.00, 0.43, 0.52, 0.04
HSL	10°, 86%, 71%
HSV	10°, 52%, 96%
XYZ	50.1588, 39.1857, 22.0595
YIQ	168.3000, 69.9170, 15.9410

Conversions

Conversions Part 2

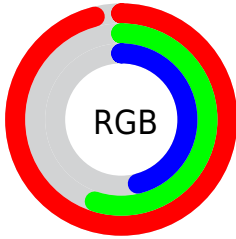
Format	Color
RYB	245, 143, 118
Decimal	16092022
CIELab	68.89, 38.17, 28.89
CIElCh	69, 47.869, 37.122
Yxy	39.1857, 0.4502, 0.3517
Android (android.graphics.Color)	4294282102 (0xFFFF58B76)
YUV	168.3000, -24.7979, 67.2659
Hunter-Lab	62.5985, 33.4808, 22.9253

Details

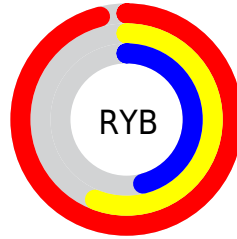
The XYZ color **50.1588, 39.1857, 22.0595** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.6067, 63.7522, 96.0240**, and the grayscale version is **37.4619, 39.4129, 42.9206**.

A 20% lighter version of the original color is **67.7875, 62.7459, 46.5686**, and **24.4900, 17.5603, 7.7289** is the 20% darker color. If you saturate the color by 10%, you get **46.1986, 33.3007, 14.4655**, and if you desaturate by 10%, it is **55.0527, 46.3334, 31.8306**.

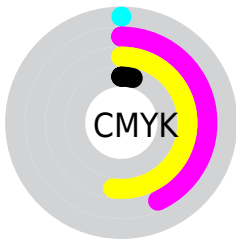
Distribution



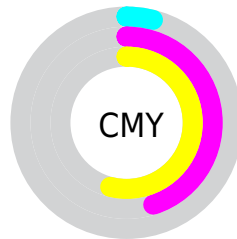
- Red (96%)
- Green (55%)
- Blue (46%)



- Red (96%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (52%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1588, 39.1857, 22.0595 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 50.1588, 39.1857, 22.0595 by changing the saturation by 10% instead.


 50.1588, 39.1857,
22.0595


 50.1588, 39.1857,
22.0595


377.7284,
342.6794, 275.8205


 35.7579, 26.9042,
13.7019


 89.6005, 73.9219,
47.7478

 24.4165, 17.5013,
7.7772


 115.3721, 97.1454,
65.9155

 15.7693, 10.5925,
3.8670


 145.6646,
124.7851, 88.1904

 9.4509, 5.7936,
1.5527

180.8433,
157.2253, 114.9909

 5.0959, 2.7200,
0.2567

221.2737,
194.8505, 146.7356

 2.3390, 0.9873,
0.0000

267.3211,

 0.8145, 0.0000,

238.0449, 183.8431

0.0000

319.3509,
287.1931, 226.7319

■ 0.0000, 0.0000,
0.0000

■ 50.1588, 39.1857,
22.0595

■ 50.1588, 39.1857,
22.0595

■ 46.1986, 33.3007,
14.4655

■ 55.0527, 46.3334,
31.8306

■ 43.1084, 28.5984,
8.8784

■ 60.9327, 54.8055,
43.9268

■ 40.8207, 24.9992,
5.1064

■ 67.8507, 64.6669,
58.4857

■ 39.2562, 22.4106,
2.9185

■ 75.8539, 75.9764,
75.6335

■ 38.4326, 20.9655,
2.0211

■ 84.9867, 88.7893,
95.4877

91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



53.7147, 39.1857, 37.6836



50.1588, 39.1857, 22.0595



43.2219, 39.1857, 14.5505

Triad

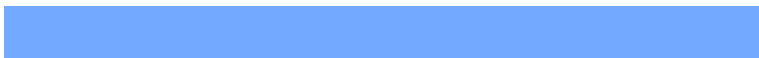
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.1588, 39.1857, 22.0595



25.3348, 39.1857, 28.3725



39.0868, 39.1857, 99.1499

Complementary

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



50.1588, 39.1857, 22.0595



50.6067, 63.7522, 96.0240

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.



31.8459, 39.1857, 94.0295



50.1588, 39.1857, 22.0595



24.5411, 39.1857, 48.0705

Square

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



50.1588, 39.1857, 22.0595



29.1008, 39.1857, 17.2341



26.7627, 39.1857, 73.2484



46.7820, 39.1857, 85.5103

Rectangle

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



50.1588, 39.1857, 22.0595



37.9836, 39.1857, 13.0254



26.7627, 39.1857, 73.2484



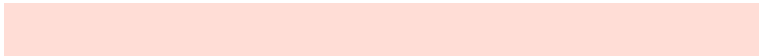
36.5157, 39.1857, 99.6247

Sweetspot

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



50.1598, 39.1877, 22.0602



79.2460, 77.8109, 74.5946



57.8552, 37.8578, 76.1734



16.5762, 16.1096, 15.1403



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.



50.1598, 39.1877, 22.0602



50.4822, 36.2995, 15.6306



61.7081, 62.2843, 25.9097



16.7205, 16.9252, 17.1832



20.7707, 11.4269, 1.1109



1.8882, 1.1297, 0.1185

Inverse Universe

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



50.6067, 63.7522, 96.0240



50.9469, 65.7115, 104.6061



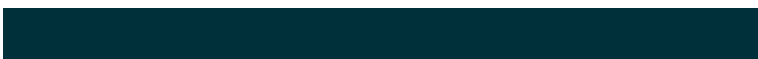
36.9526, 36.4439, 91.4726



16.7497, 18.2638, 21.1850



20.6603, 27.1144, 50.6827



1.8766, 2.5045, 4.4748

Previews

White Background



This preview shows how the XYZ color 50.1588, 39.1857, 22.0595 looks on a white background.

Color Contrast Check

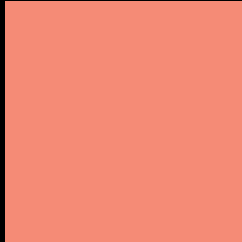
Large Text (above 18pt) WCAG AA × Fail

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 50.1588, 39.1857, 22.0595 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 50.1588, 39.1857, 22.0595

Background



This preview shows how black text looks on a background with the XYZ color 50.1588, 39.1857, 22.0595.



This preview shows how white text looks on a background with the XYZ color 50.1588, 39.1857,

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

50.1588, 39.1857, 22.0595

Protanopia

36.9218, 39.3473, 27.1215

Deuteranopia

40.1393, 39.2612, 21.3822



Tritanopia

52.1326, 39.1464, 31.5964

Trichromacy



Original Color

50.1588, 39.1857, 22.0595

Protanomaly

40.7247, 38.4577, 25.0153

Deuteranomaly

43.3992, 38.9257, 21.4457

Tritanomaly

51.1834, 38.9504, 27.7422

Monochromacy



Original Color

50.1588, 39.1857, 22.0595

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.3269, 38.0517, 34.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1588, 39.1857, 22.0595 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(245, 139, 118)` looks like.

```
.text, #text, p{  
    color:rgb(245, 139, 118)  
}
```

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(245, 139, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 139, 118) }
```

Border

The CSS property to change the border of an element to XYZ 50.1588, 39.1857, 22.0595 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(245, 139, 118) }
```


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

```
.border{ border-color:rgb(245, 139, 118) }
```

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

Here you see how a box with a 4 pixel rgb(245, 139, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 139, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 139, 118);  
box-shadow:4px 4px 4px 4px rgb(245, 139,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1588, 39.1857, 22.0595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 139, 118) }
```

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

```
.background{ background-color: rgb(245,  
139, 118) }
```

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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