

Converting Colors

XYZ(51.4631, 39.4593, 19.3523)

Have a look what the booklet for
XYZ(51.4631, 39.4593, 19.3523)
contains.

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Color

**XYZ(51.4896, 39.5047,
19.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	FB896D
RGB	251, 137, 109
RGB Percent	98%, 54%, 43%
CMY	0.0157, 0.4627, 0.5725
CMYK	0.00, 0.45, 0.57, 0.02
HSL	12°, 95%, 71%
HSV	12°, 57%, 98%
XYZ	51.4896, 39.5047, 19.3794
YIQ	167.8940, 76.9320, 15.4600

Conversions

Conversions Part 2

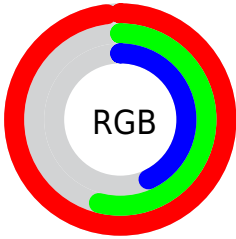
Format	Color
R _Y B	251, 144, 109
Decimal	16484717
CIE Lab	69.12, 40.72, 34.25
CIE LCh	69, 53.209, 40.067
Yxy	39.5047, 0.4665, 0.3579
Android (android.graphics.Color)	4294674797 (0xFFFB896D)
YUV	167.8940, -29.0347, 72.8840
Hunter-Lab	62.8528, 36.2366, 25.7160

Details

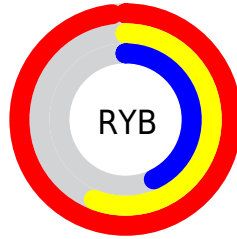
The XYZ color **51.4896, 39.5047, 19.3794** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.1051, 62.9879, 100.7833**, and the grayscale version is **37.2801, 39.2215, 42.7123**.

A 20% lighter version of the original color is **66.5227, 61.5325, 42.0890**, and **25.3260, 17.7811, 6.5121** is the 20% darker color. If you saturate the color by 10%, you get **47.7246, 33.8372, 12.3832**, and if you desaturate by 10%, it is **56.1771, 46.4003, 28.5866**.

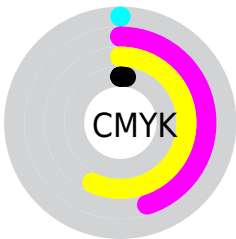
Distribution



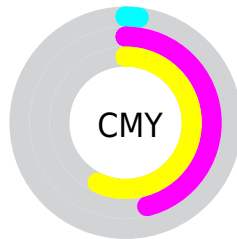
- Red (98%)
- Green (54%)
- Blue (43%)



- Red (98%)
- Yellow (56%)
- Blue (43%)



- Cyan (0%)
- Magenta (45%)
- Yellow (57%)
- Black (2%)





- Cyan (2%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4896, 39.5047, 19.3794 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 51.4896, 39.5047, 19.3794 by changing the saturation by 10% instead.


 51.4896, 39.5047,
19.3794


 51.4896, 39.5047,
19.3794


382.8194,
344.0315, 261.0275

 36.8210, 27.1526,
11.7652


 91.5568, 74.4087,
43.2194


 25.2420, 17.6878,
6.4634


 117.6861, 97.7294,
60.2823

 16.3871, 10.7261,
3.0555


 148.3663,
125.4750, 81.3318

 9.8911, 5.8830,
1.1231

 183.9629,
158.0300, 106.7864

 5.3885, 2.7741,
0.0000

224.8411,
195.7787, 137.0648

 2.5141, 1.0149,
0.0000

271.3664,

 0.9024, 0.0000,

239.1057, 172.5854

0.0000

323.9040,
288.3951, 213.7668

■ 0.0000, 0.0000,
0.0000

■ 51.4896, 39.5047,
19.3794

■ 51.4896, 39.5047,
19.3794

■ 47.7246, 33.8372,
12.3832

■ 56.1771, 46.4003,
28.5866

■ 44.8155, 29.3185,
7.4077

■ 61.8417, 54.5848,
40.1691

■ 42.6910, 25.8692,
4.2341

■ 68.5367, 64.1224,
54.2777

■ 41.2647, 23.3962,
2.5880

■ 76.3110, 75.0709,
71.0504

■ 40.9029, 22.7482,
2.2350

■ 85.2100, 87.4850,
90.6151

93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



56.0398, 39.5047, 35.3429



51.4896, 39.5047, 19.3794



43.3976, 39.5047, 12.3182

Triad

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



51.4896, 39.5047, 19.3794



24.1886, 39.5047, 28.9534



40.4767, 39.5047, 107.4843

Complementary

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



51.4896, 39.5047, 19.3794



50.1051, 62.9879, 100.7833

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.



32.2493, 39.5047, 103.6946



51.4896, 39.5047, 19.3794



23.6503, 39.5047, 51.7216

Square

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



51.4896, 39.5047, 19.3794



27.9834, 39.5047, 16.2241



26.3818, 39.5047, 80.7059



49.0761, 39.5047, 89.6748

Rectangle

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



51.4896, 39.5047, 19.3794



37.5290, 39.5047, 11.1401



26.3818, 39.5047, 80.7059



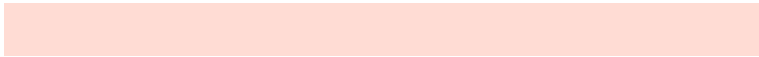
37.5671, 39.5047, 108.8162

Sweetspot

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



51.4906, 39.5068, 19.3801



78.7253, 77.2872, 72.8248



58.8382, 36.8811, 75.2277



16.4861, 16.0313, 14.7958



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.



51.4906, 39.5068, 19.3801



48.9701, 34.3078, 11.9441



64.6231, 65.7719, 23.7576



17.5217, 17.7793, 17.9707



21.5803, 12.1172, 1.2014



2.0691, 1.2631, 0.1348

Inverse Universe

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



50.1051, 62.9879, 100.7833



47.2987, 60.6035, 103.8125



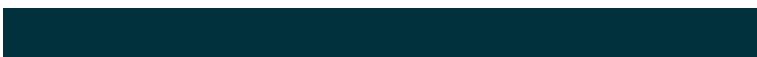
35.2695, 33.3167, 95.8381



17.4579, 18.9927, 22.1311



20.2972, 25.9500, 51.9126



1.9514, 2.5466, 4.8319

Previews

White Background



This preview shows how the XYZ color 51.4896, 39.5047, 19.3794 looks on a white background.

Color Contrast Check

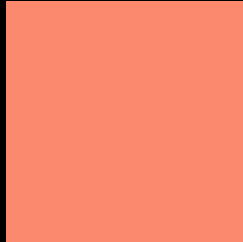
Large Text (above 18pt) WCAG AA × Fail

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 51.4896, 39.5047, 19.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

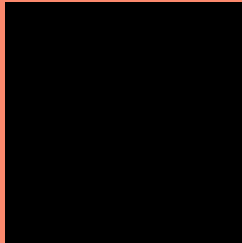
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4896, 39.5047, 19.3794

Background



This preview shows how black text looks on a background with the XYZ color 51.4896, 39.5047, 19.3794.



This preview shows how white text looks on a background with the XYZ color 51.4896, 39.5047,

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

51.4896, 39.5047, 19.3794

Protanopia

36.9922, 39.7262, 24.1306

Deuteranopia

40.5959, 39.8193, 18.6430



Tritanopia

53.6418, 39.3382, 30.3570

Trichromacy



Original Color

51.4896, 39.5047, 19.3794

Protanomaly

41.0000, 38.6637, 22.1315

Deuteranomaly

44.1170, 39.3527, 18.9063

Tritanomaly

52.6992, 39.3573, 25.9383

Monochromacy



Original Color

51.4896, 39.5047, 19.3794

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.6121, 38.2263, 32.8417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4896, 39.5047, 19.3794 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(251, 137, 109)` looks like.

```
.text, #text, p{  
    color:rgb(251, 137, 109)  
}
```

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(251, 137, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 137, 109) }
```

Border

The CSS property to change the border of an element to XYZ 51.4896, 39.5047, 19.3794 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(251, 137, 109) }
```


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

```
.border{ border-color:rgb(251, 137, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 137, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 137, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 137, 109);  
box-shadow:4px 4px 4px 4px rgb(251, 137,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4896, 39.5047, 19.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 137, 109) }
```

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

```
.background{ background-color: rgb(251,  
137, 109) }
```

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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