

Converting Colors

XYZ(100.9123, 64.5427,
21.8424)

Have a look what the booklet for
XYZ(100.9123, 64.5427, 21.8424)
contains.

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Color

**XYZ(52.7184, 39.7137,
19.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	FF876E
RGB	255, 135, 110
RGB Percent	100%, 53%, 43%
CMY	0.0000, 0.4706, 0.5686
CMYK	0.00, 0.47, 0.57, 0.00
HSL	10°, 100%, 72%
HSV	10°, 57%, 100%
XYZ	52.7184, 39.7137, 19.6388
YIQ	168.0300, 79.5450, 17.6650

Conversions

Conversions Part 2

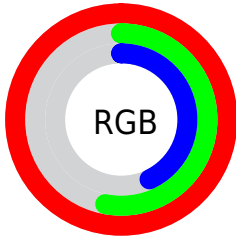
Format	Color
R _Y B	255, 140, 110
Decimal	16746350
CIE Lab	69.27, 43.29, 34.01
CIE LCh	69, 55.052, 38.152
Yxy	39.7137, 0.4704, 0.3544
Android (android.graphics.Color)	4294936430 (0xFFFF876E)
YUV	168.0300, -28.6088, 76.2727
Hunter-Lab	63.0188, 39.0413, 25.6364

Details

The XYZ color **52.7184, 39.7137, 19.6388** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.7753, 67.1248, 104.7820**, and the grayscale version is **37.3440, 39.2888, 42.7855**.

A 20% lighter version of the original color is **66.1750, 60.6955, 42.4100**, and **25.8791, 17.7198, 6.6137** is the 20% darker color. If you saturate the color by 10%, you get **48.8664, 33.9212, 12.4627**, and if you desaturate by 10%, it is **57.5552, 46.8371, 29.1141**.

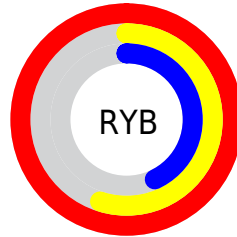
Distribution



Red (100%)

Green (53%)

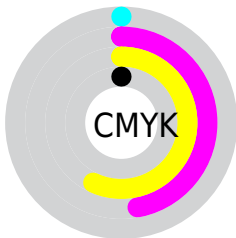
Blue (43%)



Red (100%)

Yellow (55%)

Blue (43%)

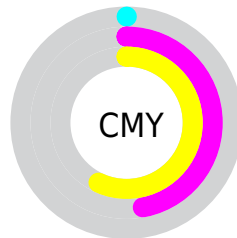


Cyan (0%)

Magenta (47%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7184, 39.7137, 19.6388 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 52.7184, 39.7137, 19.6388 by changing the saturation by 10% instead.


 52.7184, 39.7137,
19.6388


 52.7184, 39.7137,
19.6388


387.4824,
344.9154, 262.4922

 37.8046, 27.3154,
11.9513


 93.3578, 74.7273,
43.6618

 26.0076, 17.8102,
6.5884


 119.8142, 98.1115,
60.8343

 16.9620, 10.8138,
3.1315

 150.8487,
125.9263, 82.0056

 10.3026, 5.9418,
1.1622

 186.8269,
158.5563, 107.5941

 5.6638, 2.8097,
0.0000

228.1140,
196.3858, 138.0185

 2.6805, 1.0332,
0.0000

275.0753,

 0.9871, 0.0000,

239.7992, 173.6973

0.0000

328.0764,
289.1810, 215.0490

■ 0.0000, 0.0000,
0.0000

■ 52.7184, 39.7137,
19.6388

■ 52.7184, 39.7137,
19.6388

■ 48.8664, 33.9212,
12.4627

■ 57.5552, 46.8371,
29.1141

■ 45.9263, 29.3699,
7.3862

■ 63.4370, 55.3613,
41.0610

■ 43.8194, 25.9687,
4.1789

■ 70.4221, 65.3584,
55.6380

■ 42.4500, 23.6102,
2.5496

■ 78.5639, 76.8941,
72.9893

■ 42.1396, 23.0596,
2.2299

■ 87.9122, 90.0297,
93.2490

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



57.1505, 39.7137, 36.7124



52.7184, 39.7137, 19.6388



44.4176, 39.7137, 12.0083

Triad

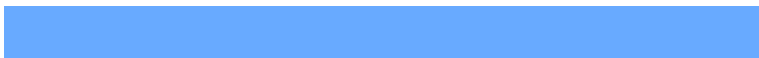
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.7184, 39.7137, 19.6388



24.0901, 39.7137, 27.5653



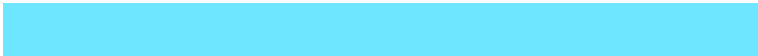
40.2033, 39.7137, 111.3583

Complementary

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



52.7184, 39.7137, 19.6388



52.7753, 67.1248, 104.7820

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.



31.7795, 39.7137, 105.8193



52.7184, 39.7137, 19.6388



23.3224, 39.7137, 50.5021

Square

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



52.7184, 39.7137, 19.6388



28.2079, 39.7137, 15.1854



25.9174, 39.7137, 80.7285



49.2247, 39.7137, 93.7967

Rectangle

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



52.7184, 39.7137, 19.6388



38.2964, 39.7137, 10.5933



25.9174, 39.7137, 80.7285



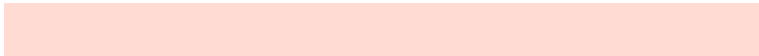
37.2023, 39.7137, 112.2353

Sweetspot

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



52.7194, 39.7158, 19.6395



78.4440, 76.7247, 72.7310



61.2161, 38.1721, 79.6192



16.4204, 15.9001, 14.7739



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.



52.7194, 39.7158, 19.6395



48.4875, 33.3424, 11.7832



66.2865, 66.8500, 24.1619



18.2625, 18.4932, 18.7513



22.0922, 12.1956, 1.1896



2.2177, 1.3208, 0.1381

Inverse Universe

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



52.7753, 67.1248, 104.7820



48.4460, 62.8980, 104.1949



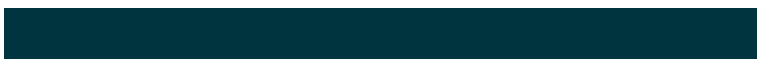
36.7644, 35.1029, 99.4451



18.2726, 19.9169, 23.1312



21.7040, 28.3175, 53.7565



2.1803, 2.8913, 5.2564

Previews

White Background



This preview shows how the XYZ color 52.7184, 39.7137, 19.6388 looks on a white background.

Color Contrast Check

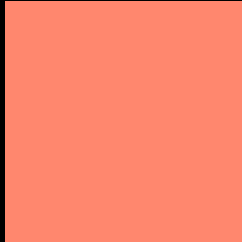
Large Text (above 18pt) WCAG AA × Fail

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 52.7184, 39.7137, 19.6388 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 52.7184, 39.7137, 19.6388

Background



This preview shows how black text looks on a background with the XYZ color 52.7184, 39.7137, 19.6388.



This preview shows how white text looks on a background with the XYZ color 52.7184, 39.7137,

19.6388.

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

52.7184, 39.7137, 19.6388

Protanopia

37.1175, 39.7763, 24.7901

Deuteranopia

40.6470, 39.8397, 18.9121



Tritanopia

54.2990, 39.6856, 29.9975

Trichromacy



Original Color

52.7184, 39.7137, 19.6388

Protanomaly

41.6812, 39.0012, 22.7839

Deuteranomaly

44.3135, 39.2060, 19.1419

Tritanomaly

53.6568, 39.6468, 25.9437

Monochromacy



Original Color

52.7184, 39.7137, 19.6388

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.9743, 38.1629, 32.8104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7184, 39.7137, 19.6388 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(255, 135, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 110)  
}
```

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(255, 135, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 110) }
```

Border

The CSS property to change the border of an element to XYZ 52.7184, 39.7137, 19.6388 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(255, 135, 110) }
```


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

```
.border{ border-color:rgb(255, 135, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7184, 39.7137, 19.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 110) }
```

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

```
.background{ background-color: rgb(255,  
135, 110) }
```

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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