

Converting Colors

XYZ(52.8054, 42.8534, 19.5259)

Have a look what the booklet for
XYZ(52.8054, 42.8534, 19.5259)
contains.

XYZ(52.8256, 42.8804, 19.4025)	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(52.8256, 42.8804,
19.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	FA956B
RGB	250, 149, 107
RGB Percent	98%, 58%, 42%
CMY	0.0196, 0.4157, 0.5804
CMYK	0.00, 0.40, 0.57, 0.02
HSL	18°, 93%, 70%
HSV	18°, 57%, 98%
XYZ	52.8256, 42.8804, 19.4025
YIQ	174.4110, 73.6780, 8.3500

Conversions

Conversions Part 2

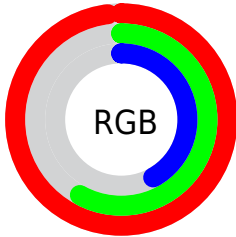
Format	Color
RYB	250, 166, 107
Decimal	16422251
CIELab	71.47, 34.05, 38.27
CIELCh	71, 51.226, 48.340
Yxy	42.8804, 0.4589, 0.3725
Android (android.graphics.Color)	4294612331 (0xFFFA956B)
YUV	174.4110, -33.2336, 66.2916
Hunter-Lab	65.4831, 29.4015, 28.2707

Details

The XYZ color **52.8256, 42.8804, 19.4025** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.8732, 55.1368, 98.6667**, and the grayscale version is **40.5838, 42.6974, 46.4974**.

A 20% lighter version of the original color is **69.0909, 66.9489, 42.0818**, and **26.0247, 19.6737, 6.4287** is the 20% darker color. If you saturate the color by 10%, you get **49.1107, 37.2601, 12.5865**, and if you desaturate by 10%, it is **57.3462, 49.5041, 28.3632**.

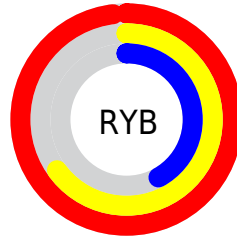
Distribution



Red (98%)

Green (58%)

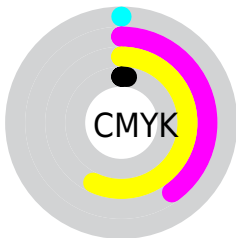
Blue (42%)



Red (98%)

Yellow (65%)

Blue (42%)

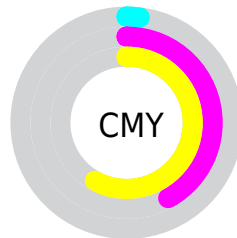


Cyan (0%)

Magenta (40%)

Yellow (57%)

Black (2%)



Cyan (2%)

Magenta (42%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8256, 42.8804, 19.4025 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 52.8256, 42.8804, 19.4025 by changing the saturation by 10% instead.

52.8256, 42.8804,
19.4025

52.8256, 42.8804,
19.4025

387.8875,
358.1197, 261.1582

37.8905, 29.7913,
11.7817

93.5147, 79.5303,
43.2589

26.0745, 19.6802,
6.4745

119.9995,
103.8600, 60.3315

17.0124, 12.1628,
3.0623

151.0648,
132.7052, 81.3919

10.3387, 6.8547,
1.1265

187.0760,
166.4505, 106.8585

5.6881, 3.3714,
0.0000

228.3986,
205.4802, 137.1499

2.6952, 1.3286,
0.0000

275.3977,

0.9947, 0.1631,

250.1787, 172.6846

0.0000

328.4389,
300.9304, 213.8812

■ 0.0000, 0.0000,
0.0000

■ 52.8256, 42.8804,
19.4025

■ 52.8256, 42.8804,
19.4025

■ 49.1107, 37.2601,
12.5865

■ 57.3462, 49.5041,
28.3632

■ 46.1456, 32.5852,
7.7286

■ 62.7170, 57.1722,
39.6288

■ 43.8712, 28.8009,
4.6135

■ 68.9826, 65.9311,
53.3470

■ 42.2141, 25.8425,
2.9642

■ 76.1835, 75.8224,
69.6523

■ 41.8355, 25.1466,
2.6488

■ 84.3575, 86.8856,
88.6695

93.2164, 99.0285,
108.8091

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



58.6453, 42.8804, 33.2624



52.8256, 42.8804, 19.4025



44.2067, 42.8804, 13.8768

Triad

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



52.8256, 42.8804, 19.4025



26.5563, 42.8804, 37.7197



46.2103, 42.8804, 107.9713

Complementary

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



52.8256, 42.8804, 19.4025



45.8732, 55.1368, 98.6667

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.



37.4907, 42.8804, 110.5002



52.8256, 42.8804, 19.4025



26.9346, 42.8804, 63.3164

Square

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



52.8256, 42.8804, 19.4025



29.5629, 42.8804, 21.6686



30.6818, 42.8804, 92.0153



54.4697, 42.8804, 85.9894

Rectangle

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



52.8256, 42.8804, 19.4025



38.3941, 42.8804, 13.6648



30.6818, 42.8804, 92.0153



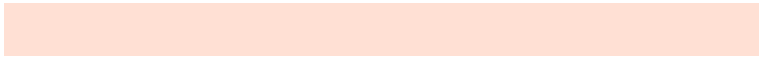
43.2139, 42.8804, 111.3521

Sweetspot

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



52.8266, 42.8826, 19.4033



79.8385, 79.5138, 73.1959



56.2506, 35.4671, 64.5169



16.7465, 16.5521, 14.8826



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.



52.8266, 42.8826, 19.4033



50.7339, 37.9868, 12.0649



67.4139, 72.0571, 24.2657



17.6600, 18.0559, 18.0168



22.2986, 13.5539, 1.4409



2.1527, 1.4303, 0.1626

Inverse Universe

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



45.8732, 55.1368, 98.6667



42.7090, 51.7452, 102.3446



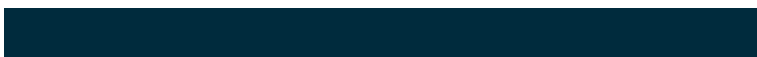
32.4051, 28.2005, 94.1773



17.3100, 18.6969, 22.0818



17.5773, 20.5101, 51.0060



1.7197, 2.0831, 4.7546

Previews

White Background



This preview shows how the XYZ color 52.8256, 42.8804, 19.4025 looks on a white background.

Color Contrast Check

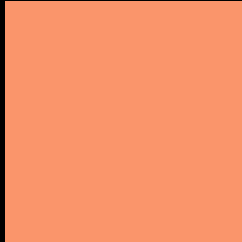
Large Text (above 18pt) WCAG AA × Fail

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 52.8256, 42.8804, 19.4025 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 52.8256, 42.8804, 19.4025

Background



This preview shows how black text looks on a background with the XYZ color 52.8256, 42.8804, 19.4025.



This preview shows how white text looks on a background with the XYZ color 52.8256, 42.8804,

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

52.8256, 42.8804, 19.4025

Protanopia

39.7761, 42.8914, 23.0121

Deuteranopia

43.7075, 42.7628, 18.7824



Tritanopia

56.0802, 42.8275, 35.4478

Trichromacy



Original Color

52.8256, 42.8804, 19.4025

Protanomaly

43.7682, 42.4617, 21.5119

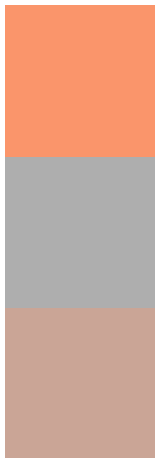
Deuteranomaly

46.4335, 42.3098, 18.8160

Tritanomaly

54.7142, 42.7238, 28.6553

Monochromacy



Original Color

52.8256, 42.8804, 19.4025

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.3173, 41.6688, 34.6140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8256, 42.8804, 19.4025 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(250, 149, 107)` looks like.

```
.text, #text, p{  
    color:rgb(250, 149, 107)  
}
```

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(250, 149, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 149, 107) }
```

Border

The CSS property to change the border of an element to XYZ 52.8256, 42.8804, 19.4025 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(250, 149, 107) }
```


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

```
.border{ border-color:rgb(250, 149, 107) }
```

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

Here you see how a box with a 4 pixel rgb(250, 149, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 149, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 149, 107);  
box-shadow:4px 4px 4px 4px rgb(250, 149,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8256, 42.8804, 19.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 149, 107) }
```

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

```
.background{ background-color: rgb(250,  
149, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor