

Converting Colors

XYZ(50.4252, 43.3428, 19.3440)

Have a look what the booklet for
XYZ(50.4252, 43.3428, 19.3440)
contains.

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Color

**XYZ(50.4252, 43.3428,
19.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	F09C6A
RGB	240, 156, 106
RGB Percent	94%, 61%, 42%
CMY	0.0588, 0.3882, 0.5843
CMYK	0.00, 0.35, 0.56, 0.06
HSL	22°, 82%, 68%
HSV	22°, 56%, 94%
XYZ	50.4252, 43.3428, 19.3440
YIQ	175.4160, 66.1140, 2.2580

Conversions

Conversions Part 2

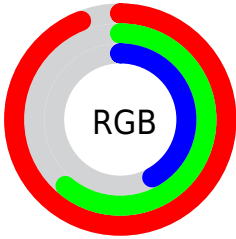
Format	Color
R _Y B	240, 186, 106
Decimal	15768682
CIE Lab	71.79, 26.38, 38.92
CIE LCh	72, 47.019, 55.878
Yxy	43.3428, 0.4458, 0.3832
Android (android.graphics.Color)	4293958762 (0xFFFF09C6A)
YUV	175.4160, -34.2221, 56.6402
Hunter-Lab	65.8352, 21.5068, 28.6638

Details

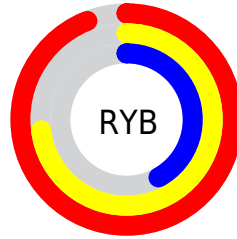
The XYZ color **50.4252, 43.3428, 19.3440** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **40.0845, 46.1802, 89.2388**, and the grayscale version is **41.1122, 43.2532, 47.1027**.

A 20% lighter version of the original color is **70.7058, 70.3172, 42.1937**, and **24.5112, 19.8993, 6.4200** is the 20% darker color. If you saturate the color by 10%, you get **46.9775, 38.1732, 12.8752**, and if you desaturate by 10%, it is **54.5369, 49.2818, 27.7576**.

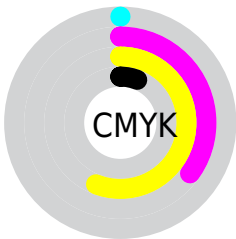
Distribution



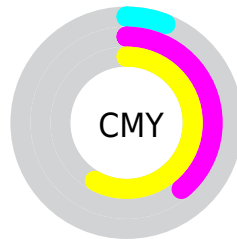
- Red (94%)
- Green (61%)
- Blue (42%)



- Red (94%)
- Yellow (73%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4252, 43.3428, 19.3440 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 50.4252, 43.3428, 19.3440 by changing the saturation by 10% instead.


 50.4252, 43.3428,
19.3440


 50.4252, 43.3428,
19.3440


378.7510,
360.0196, 260.8270


 35.9705, 30.1542,
11.7398

 89.9926, 80.2279,
43.1590


 24.5815, 19.9556,
6.4464


 115.8361,
104.6932, 60.2068

 15.8926, 12.3628,
3.0452


 146.2065,
133.6861, 81.2397

 9.5385, 6.9913,
1.1178

 181.4693,
167.5911, 106.6760

 5.1540, 3.4566,
0.0000

221.9898,
206.7926, 136.9343

 2.3736, 1.3745,
0.0000

268.1333,

 0.8319, 0.1978,

251.6749, 172.4333

0.0000

320.2653,
302.6224, 213.5913

■ 0.0000, 0.0000,
0.0000

■ 50.4252, 43.3428,
19.3440

■ 50.4252, 43.3428,
19.3440

■ 46.9775, 38.1732,
12.8752

■ 54.5369, 49.2818,
27.7576

■ 44.1493, 33.7317,
8.1872

■ 59.3467, 56.0158,
38.2568

■ 41.8947, 29.9824,
5.0926

■ 64.8899, 63.5772,
50.9719

■ 40.1574, 26.8822,
3.3595

■ 71.1983, 71.9944,
66.0219

■ 39.5544, 25.7639,
2.8882

■ 78.3018, 81.2943,
83.5171

■ 86.2283, 91.5028,
103.5609

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



56.6156, 43.3428, 30.4822



50.4252, 43.3428, 19.3440



42.3099, 43.3428, 15.5136

Triad

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



50.4252, 43.3428, 19.3440



27.6987, 43.3428, 44.1014



48.2687, 43.3428, 98.8550

Complementary

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



50.4252, 43.3428, 19.3440



40.0845, 46.1802, 89.2388

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.



40.1019, 43.3428, 106.0568



50.4252, 43.3428, 19.3440



28.8660, 43.3428, 69.1090

Square

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



50.4252, 43.3428, 19.3440



29.7457, 43.3428, 26.5707



33.1678, 43.3428, 93.7688



55.2619, 43.3428, 76.4140

Rectangle

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



50.4252, 43.3428, 19.3440



37.1358, 43.3428, 16.2707



33.1678, 43.3428, 93.7688



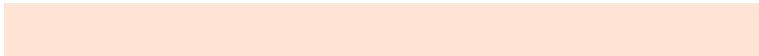
45.5419, 43.3428, 103.3957

Sweetspot

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



50.4262, 43.3450, 19.3448



80.7754, 81.3876, 73.5082



50.4786, 32.5894, 52.8434



16.9662, 16.9916, 14.9559



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.



50.4262, 43.3450, 19.3448



53.4215, 43.0531, 13.9128



64.6934, 71.8792, 24.1005



16.2560, 16.7252, 16.5212



21.7699, 14.3378, 1.6201



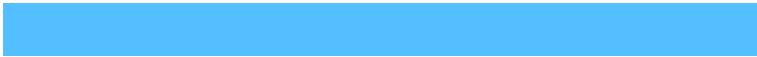
1.9035, 1.3776, 0.1656

Inverse Universe

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



40.0845, 46.1802, 89.2388



40.4034, 46.4794, 101.4497



28.8633, 23.7378, 85.4984



15.7229, 16.8799, 20.1511



14.7503, 15.7248, 47.3856



1.3222, 1.4983, 3.9737

Previews

White Background



This preview shows how the XYZ color 50.4252, 43.3428, 19.3440 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 50.4252, 43.3428, 19.3440 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 50.4252, 43.3428, 19.3440

Background



This preview shows how black text looks on a background with the XYZ color 50.4252, 43.3428, 19.3440.



This preview shows how white text looks on a background with the XYZ color 50.4252, 43.3428,

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

50.4252, 43.3428, 19.3440

Protanopia

40.3008, 43.4720, 22.1865

Deuteranopia

44.1824, 43.2807, 18.8573



Tritanopia

54.4008, 43.2661, 38.7417

Trichromacy



Original Color

50.4252, 43.3428, 19.3440

Protanomaly

43.3517, 43.0789, 21.0691

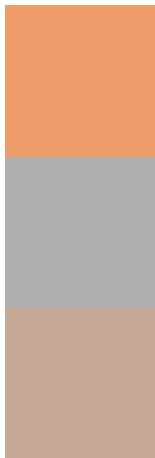
Deuteranomaly

46.2056, 43.2384, 19.0072

Tritanomaly

52.9240, 43.4046, 30.3995

Monochromacy



Original Color

50.4252, 43.3428, 19.3440

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.0608, 42.3494, 34.7589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4252, 43.3428, 19.3440 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(240, 156, 106)` looks like.

```
.text, #text, p{  
    color:rgb(240, 156, 106)  
}
```

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(240, 156, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 156, 106) }
```

Border

The CSS property to change the border of an element to XYZ 50.4252, 43.3428, 19.3440 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(240, 156, 106) }
```


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

```
.border{ border-color:rgb(240, 156, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 156, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 156, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 156, 106);  
box-shadow:4px 4px 4px 4px rgb(240, 156,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4252, 43.3428, 19.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 156, 106) }
```

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

```
.background{ background-color: rgb(240,  
156, 106) }
```

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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