

Converting Colors

XYZ(52.4037, 41.9523, 19.5234)

Have a look what the booklet for
XYZ(52.4037, 41.9523, 19.5234)
contains.

XYZ(52.4100, 41.9645, 19.5250)	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(52.4100, 41.9645,
19.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	FA926C
RGB	250, 146, 108
RGB Percent	98%, 57%, 42%
CMY	0.0196, 0.4274, 0.5765
CMYK	0.00, 0.42, 0.57, 0.02
HSL	16°, 93%, 70%
HSV	16°, 57%, 98%
XYZ	52.4100, 41.9645, 19.5250
YIQ	172.7640, 74.1820, 10.2300

Conversions

Conversions Part 2

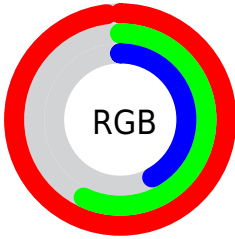
Format	Color
R _Y B	250, 160, 108
Decimal	16421484
CIE Lab	70.85, 35.67, 36.95
CIE LCh	71, 51.362, 46.010
Yxy	41.9645, 0.4601, 0.3684
Android (android.graphics.Color)	4294611564 (0xFFFA926C)
YUV	172.7640, -31.9287, 67.7360
Hunter-Lab	64.7800, 31.0497, 27.4757

Details

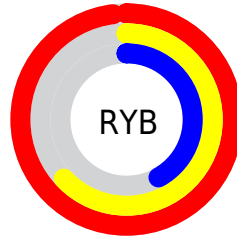
The XYZ color **52.4100, 41.9645, 19.5250** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.9816, 57.1741, 99.0015**, and the grayscale version is **39.7324, 41.8016, 45.5219**.

A 20% lighter version of the original color is **68.4718, 65.5714, 42.3054**, and **25.7784, 19.1400, 6.4734** is the 20% darker color. If you saturate the color by 10%, you get **48.6655, 36.3083, 12.6272**, and if you desaturate by 10%, it is **56.9900, 48.6816, 28.5836**.

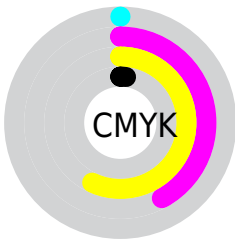
Distribution



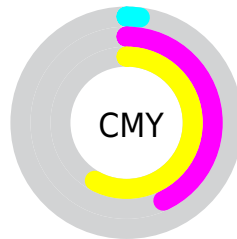
- Red (98%)
- Green (57%)
- Blue (42%)



- Red (98%)
- Yellow (63%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (57%)
- Black (2%)





- Cyan (2%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4100, 41.9645, 19.5250 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 52.4100, 41.9645, 19.5250 by changing the saturation by 10% instead.


 52.4100, 41.9645,
19.5250


 52.4100, 41.9645,
19.5250


386.3154,
354.3358, 261.8506

 37.5576, 29.0735,
11.8696


 92.9063, 78.1459,
43.4678


 25.8151, 19.1364,
6.5335


 119.2808,
102.2051, 60.5923

 16.8173, 11.7689,
3.0981


 150.2268,
130.7558, 81.7102

 10.1988, 6.5865,
1.1450

 186.1096,
164.1824, 107.2402

 5.5943, 3.2049,
0.0000

227.2944,
202.8693, 137.6006

 2.6383, 1.2396,
0.0000

274.1468,

 0.9655, 0.0937,

247.2009, 173.2102

0.0000

327.0320,
297.5616, 214.4873

■ 0.0000, 0.0000,
0.0000

■ 52.4100, 41.9645,
19.5250

■ 52.4100, 41.9645,
19.5250

■ 48.6655, 36.3083,
12.6272

■ 56.9900, 48.6816,
28.5836

■ 45.6982, 31.6501,
7.7037

■ 62.4520, 56.5049,
39.9633

■ 43.4467, 27.9298,
4.5401

■ 68.8426, 65.4851,
53.8119

■ 41.8356, 25.0767,
2.8651

■ 76.2042, 75.6675,
70.2642

■ 41.4261, 24.3278,
2.5123

■ 84.5762, 87.0950,
89.4450

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.



57.8400, 41.9645, 33.9120



52.4100, 41.9645, 19.5250



43.9882, 41.9645, 13.5682

Triad

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



52.4100, 41.9645, 19.5250



25.9819, 41.9645, 35.2416



44.5877, 41.9645, 107.4281

Complementary

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



52.4100, 41.9645, 19.5250



46.9816, 57.1741, 99.0015

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.



36.0471, 41.9645, 108.1885



52.4100, 41.9645, 19.5250



26.0946, 41.9645, 59.9262

Square

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



52.4100, 41.9645, 19.5250



29.2015, 41.9645, 20.1976



29.5353, 41.9645, 88.5567



52.9026, 41.9645, 86.7471

Rectangle

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



52.4100, 41.9645, 19.5250



38.1916, 41.9645, 13.0687



29.5353, 41.9645, 88.5567



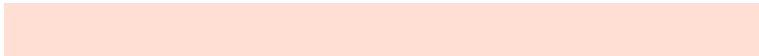
41.6298, 41.9645, 110.2197

Sweetspot

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



52.4110, 41.9667, 19.5258



79.5348, 78.9063, 73.0946



56.6873, 35.8095, 66.2997



16.6753, 16.4098, 14.8589



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.



52.4110, 41.9667, 19.5258



50.4684, 37.3043, 12.4435



66.9095, 70.9636, 24.3586



17.6225, 17.9808, 18.0042



22.0743, 13.1052, 1.3661



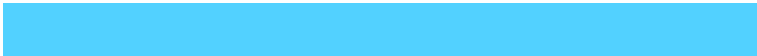
2.1278, 1.3804, 0.1543

Inverse Universe

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



46.9816, 57.1741, 99.0015



44.1948, 54.3956, 102.7778



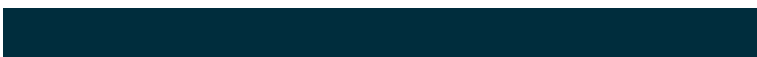
32.9844, 29.1797, 94.3358



17.3498, 18.7765, 22.0951



18.2691, 21.8939, 51.2366



1.7792, 2.2021, 4.7745

Previews

White Background



This preview shows how the XYZ color 52.4100, 41.9645, 19.5250 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 52.4100, 41.9645, 19.5250 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 52.4100, 41.9645, 19.5250

Background



This preview shows how black text looks on a background with the XYZ color 52.4100, 41.9645, 19.5250.



This preview shows how white text looks on a background with the XYZ color 52.4100, 41.9645,

19.5250.

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

52.4100, 41.9645, 19.5250

Protanopia

39.2049, 42.2954, 23.5503

Deuteranopia

42.9989, 42.1208, 18.9605



Tritanopia

55.4720, 41.8732, 34.4368

Trichromacy



Original Color

52.4100, 41.9645, 19.5250

Protanomaly

43.2339, 41.6376, 21.9778

Deuteranomaly

45.9993, 41.8237, 19.0130

Tritanomaly

54.1911, 41.7907, 28.1319

Monochromacy



Original Color

52.4100, 41.9645, 19.5250

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.6094, 40.7818, 34.0597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4100, 41.9645, 19.5250 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, 146, 108)` looks like.

```
.text, #text, p{  
    color:rgb(250, 146, 108)  
}
```

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, 146, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 146, 108) }
```

Border

The CSS property to change the border of an element to XYZ 52.4100, 41.9645, 19.5250 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, 146, 108) }
```


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

```
.border{ border-color:rgb(250, 146, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 146, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 146, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 146, 108);  
box-shadow:4px 4px 4px 4px rgb(250, 146,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4100, 41.9645, 19.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 146, 108) }
```

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

```
.background{ background-color: rgb(250,  
146, 108) }
```

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