

Converting Colors

XYZ(51.9851, 40.7494, 19.0949)

Have a look what the booklet for
XYZ(51.9851, 40.7494, 19.0949)
contains.

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Color

**XYZ(52.1105, 40.9168,
19.0611)**

Conversions

Conversions Part 1

Format	Color
Hex	FB8E6B
RGB	251, 142, 107
RGB Percent	98%, 56%, 42%
CMY	0.0157, 0.4431, 0.5804
CMYK	0.00, 0.43, 0.57, 0.02
HSL	15°, 95%, 70%
HSV	15°, 57%, 98%
XYZ	52.1105, 40.9168, 19.0611
YIQ	170.6010, 76.1990, 12.2230

Conversions

Conversions Part 2

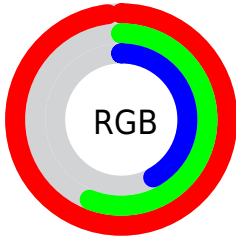
Format	Color
RYB	251, 153, 107
Decimal	16485995
CIELab	70.12, 38.03, 36.60
CIElCh	70, 52.780, 43.899
Yxy	40.9168, 0.4649, 0.3650
Android (android.graphics.Color)	4294676075 (0xFFFB8E6B)
YUV	170.6010, -31.3553, 70.5099
Hunter-Lab	63.9662, 33.4752, 27.1087

Details

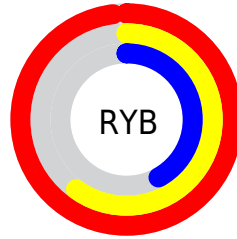
The XYZ color **52.1105, 40.9168, 19.0611** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.0302, 59.1991, 100.1614**, and the grayscale version is **38.6351, 40.6472, 44.2648**.

A 20% lighter version of the original color is **67.4643, 63.6957, 41.5396**, and **25.6808, 18.5752, 6.3695** is the 20% darker color. If you saturate the color by 10%, you get **48.3868, 35.2851, 12.2234**, and if you desaturate by 10%, it is **56.7011, 47.6695, 28.0788**.

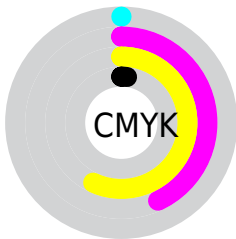
Distribution



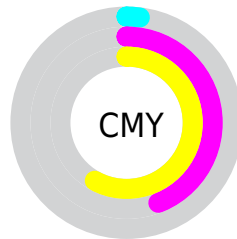
- Red (98%)
- Green (56%)
- Blue (42%)



- Red (98%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (43%)
- Yellow (57%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1105, 40.9168, 19.0611 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 52.1105, 40.9168, 19.0611 by changing the saturation by 10% instead.


 52.1105, 40.9168,
19.0611

 52.1105, 40.9168,
19.0611


385.1800,
349.9728, 259.2198

 37.3178, 28.2541,
11.5372


 92.4674, 76.5576,
42.6754


 25.6284, 18.5173,
6.3107


 118.7624,
100.3044, 59.6028

 16.6771, 11.3220,
2.9631


 149.6221,
128.5148, 80.5019

 10.0984, 6.2839,
1.0758

 185.4120,
161.5730, 105.7910

 5.5270, 3.0184,
0.0000

226.4974,
199.8635, 135.8889

 2.5976, 1.1414,
0.0000

273.2436,

 0.9447, 0.0130,

243.7707, 171.2139

0.0000

326.0160,
293.6790, 212.1847

■ 0.0000, 0.0000,
0.0000

■ 52.1105, 40.9168,
19.0611

■ 52.1105, 40.9168,
19.0611

■ 48.3868, 35.2851,
12.2234

■ 56.7011, 47.6695,
28.0788

■ 45.4685, 30.7055,
7.3753

■ 62.2085, 55.5943,
39.4405

■ 43.2897, 27.1109,
4.2966

■ 68.6820, 64.7467,
53.2967

■ 41.7687, 24.4218,
2.7020

■ 76.1664, 75.1765,
69.7850

■ 41.4532, 23.8486,
2.4184

■ 84.7038, 86.9311,
89.0326

93.5935, 99.2491,
108.8318

Harmonies

Analogous

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



57.3188, 40.9168, 34.0860



52.1105, 40.9168, 19.0611



43.6749, 40.9168, 12.7196

Triad

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



52.1105, 40.9168, 19.0611



25.0299, 40.9168, 32.6312



43.0126, 40.9168, 108.4157

Complementary

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



52.1105, 40.9168, 19.0611



48.0302, 59.1991, 100.1614

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.



34.4684, 40.9168, 107.5626



52.1105, 40.9168, 19.0611



24.9070, 40.9168, 56.9658

Square

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



52.1105, 40.9168, 19.0611



28.4843, 40.9168, 18.3371



28.1194, 40.9168, 86.2813



51.5643, 40.9168, 88.3037

Rectangle

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



52.1105, 40.9168, 19.0611



37.7732, 40.9168, 11.9742



28.1194, 40.9168, 86.2813



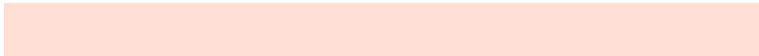
40.0290, 40.9168, 110.7499

Sweetspot

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



52.1115, 40.9189, 19.0618



79.2509, 78.3385, 73.0000



57.6178, 36.0554, 69.8413



16.6089, 16.2770, 14.8368



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.



52.1115, 40.9189, 19.0618



49.5910, 35.7011, 11.6839



66.1311, 68.9582, 23.7351



17.5872, 17.9103, 17.9925



21.8840, 12.7246, 1.3027



2.1059, 1.3367, 0.1470

Inverse Universe

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



48.0302, 59.1991, 100.1614



44.8787, 56.0846, 103.0678



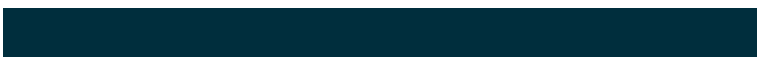
33.6628, 30.4644, 95.3723



17.3874, 18.8516, 22.1076



18.9492, 23.2540, 51.4633



1.8373, 2.3183, 4.7938

Previews

White Background



This preview shows how the XYZ color 52.1105, 40.9168, 19.0611 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 52.1105, 40.9168, 19.0611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

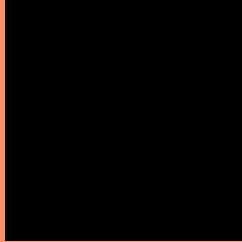
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1105, 40.9168, 19.0611

Background



This preview shows how black text looks on a background with the XYZ color 52.1105, 40.9168, 19.0611.



This preview shows how white text looks on a background with the XYZ color 52.1105, 40.9168,

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

52.1105, 40.9168, 19.0611

Protanopia

38.3320, 41.2761, 23.3995

Deuteranopia

42.0181, 41.0855, 18.5477



Tritanopia

55.0852, 41.0687, 32.6275

Trichromacy



Original Color

52.1105, 40.9168, 19.0611

Protanomaly

42.4177, 40.4292, 21.7876

Deuteranomaly

45.1276, 40.6237, 18.5594

Tritanomaly

53.9055, 41.0138, 26.9051

Monochromacy



Original Color

52.1105, 40.9168, 19.0611

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.7355, 39.5591, 33.4529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1105, 40.9168, 19.0611 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, 142, 107)` looks like.

```
.text, #text, p{  
    color:rgb(251, 142, 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(251, 142, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 142, 107) }
```

Border

The CSS property to change the border of an element to XYZ 52.1105, 40.9168, 19.0611 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, 142, 107) }
```


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

```
.border{ border-color:rgb(251, 142, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 142, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 142, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 142, 107);  
box-shadow:4px 4px 4px 4px rgb(251, 142,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1105, 40.9168, 19.0611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 142, 107) }
```

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

```
.background{ background-color: rgb(251,  
142, 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](#).

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