

Converting Colors

XYZ(51.3862, 41.6750, 13.6904)

Have a look what the booklet for
XYZ(51.3862, 41.6750, 13.6904)
contains.

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Color

**XYZ(51.3035, 41.5219,
13.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9254
RGB	250, 146, 84
RGB Percent	98%, 57%, 33%
CMY	0.0196, 0.4274, 0.6706
CMYK	0.00, 0.42, 0.66, 0.02
HSL	22°, 94%, 65%
HSV	22°, 66%, 98%
XYZ	51.3035, 41.5219, 13.6980
YIQ	170.0280, 81.8860, 2.7660

Conversions

Conversions Part 2

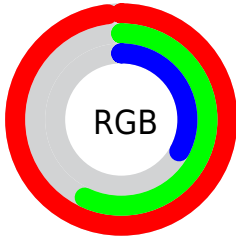
Format	Color
RYB	250, 183, 84
Decimal	16421460
CIELab	70.54, 34.09, 48.99
CIElCh	71, 59.685, 55.171
Yxy	41.5219, 0.4816, 0.3898
Android (android.graphics.Color)	4294611540 (0xFFFA9254)
YUV	170.0280, -42.4118, 70.1354
Hunter-Lab	64.4375, 29.3516, 32.5025

Details

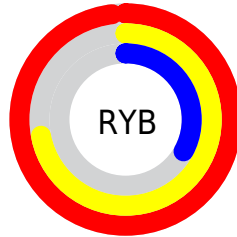
The XYZ color **51.3035, 41.5219, 13.6980** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **38.8934, 44.7507, 97.0299**, and the grayscale version is **38.3998, 40.3996, 43.9952**.

A 20% lighter version of the original color is **66.5706, 64.8109, 32.2937**, and **25.0305, 18.8123, 3.8253** is the 20% darker color. If you saturate the color by 10%, you get **48.2423, 36.6971, 8.6785**, and if you desaturate by 10%, it is **55.0466, 47.1523, 20.6685**.

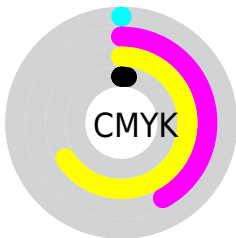
Distribution



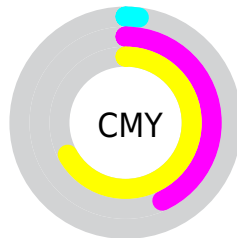
- Red (98%)
- Green (57%)
- Blue (33%)



- Red (98%)
- Yellow (72%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3035, 41.5219, 13.6980 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 51.3035, 41.5219, 13.6980 by changing the saturation by 10% instead.

51.3035, 41.5219,
13.6980

51.3035, 41.5219,
13.6980

382.1101,
352.4972, 226.7066

36.6722, 28.7271,
7.7746

91.2836, 77.4755,
33.2616

25.1263, 18.8745,
3.8653

117.3631,
101.4032, 47.7388

16.3004, 11.5796,
1.5518

147.9894,
129.8105, 65.9044

9.8292, 6.4581,
0.2561

183.5278,
163.0820, 88.1769

5.3472, 3.1256,
0.0000

224.3437,
201.6020, 114.9748

2.4892, 1.1977,
0.0000

270.8025,

0.8898, 0.0598,

245.7550, 146.7167

0.0000

323.2695,
295.9252, 183.8211

■ 0.0000, 0.0000,
0.0000

■ 51.3035, 41.5219,
13.6980

■ 51.3035, 41.5219,
13.6980

■ 48.2423, 36.6971,
8.6785

■ 55.0466, 47.1523,
20.6685

■ 45.8077, 32.6290,
5.3972

■ 59.5149, 53.6202,
29.7678

■ 43.9374, 29.2716,
3.5927

■ 64.7505, 60.9637,
41.1560

■ 43.3722, 28.2200,
3.1610

■ 70.7917, 69.2159,
54.9771

■ 77.6735, 78.4085,
71.3630

85.4290, 88.5712,
90.4363

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.



59.2130, 41.5219, 25.8380



51.3035, 41.5219, 13.6980



41.0816, 41.5219, 9.8343

Triad

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



51.3035, 41.5219, 13.6980



23.4383, 41.5219, 40.7953



48.0834, 41.5219, 114.2338

Complementary

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



51.3035, 41.5219, 13.6980



38.8934, 44.7507, 97.0299

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.



37.8920, 41.5219, 123.6831



51.3035, 41.5219, 13.6980



24.6832, 41.5219, 72.4345

Square

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



51.3035, 41.5219, 13.6980



25.8680, 41.5219, 20.7643



29.6045, 41.5219, 105.9692



57.1475, 41.5219, 83.8141

Rectangle

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



51.3035, 41.5219, 13.6980



34.7123, 41.5219, 10.4615



29.6045, 41.5219, 105.9692



44.6335, 41.5219, 120.3908

Sweetspot

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



51.3045, 41.5241, 13.6988



78.5402, 78.4218, 68.1242



51.7944, 30.3447, 51.3474



16.3775, 16.2066, 13.5498



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.



51.3045, 41.5241, 13.6988



49.4529, 36.7297, 7.6151



68.7311, 76.3773, 19.5076



17.7757, 18.2873, 18.0553



23.1326, 15.2218, 1.7189



2.2404, 1.6057, 0.1919

Inverse Universe

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



38.8934, 44.7507, 97.0299



35.4951, 40.0835, 100.4738



26.0795, 19.1228, 92.7585



17.1891, 18.4551, 22.0415



15.6565, 16.6685, 50.3657



1.5517, 1.7471, 4.6986

Previews

White Background



This preview shows how the XYZ color 51.3035, 41.5219, 13.6980 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 51.3035, 41.5219, 13.6980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

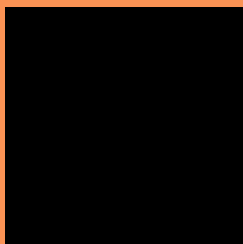
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3035, 41.5219, 13.6980

Background



This preview shows how black text looks on a background with the XYZ color 51.3035, 41.5219, 13.6980.



This preview shows how white text looks on a background with the XYZ color 51.3035, 41.5219,

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

51.3035, 41.5219, 13.6980

Protanopia

38.1546, 41.6246, 16.3793

Deuteranopia

42.6347, 41.7856, 13.4078



Tritanopia

55.3068, 41.3859, 33.0903

Trichromacy



Original Color

51.3035, 41.5219, 13.6980

Protanomaly

42.0940, 40.9296, 15.3545

Deuteranomaly

45.3906, 41.3787, 13.3791

Tritanomaly

53.7346, 41.4131, 24.5634

Monochromacy



Original Color

51.3035, 41.5219, 13.6980

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.9583, 39.4959, 29.8908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3035, 41.5219, 13.6980 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(250, 146, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 146, 84) }
```

Border

The CSS property to change the border of an element to XYZ 51.3035, 41.5219, 13.6980 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, 84) }
```


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

```
.border{ border-color:rgb(250, 146, 84) }
```

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, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 146, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 146, 84);  
box-shadow:4px 4px 4px 4px rgb(250, 146,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3035, 41.5219, 13.6980 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, 84) }
```

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

```
.background{ background-color: rgb(250,  
146, 84) }
```

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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