

Converting Colors

XYZ(52.0488, 40.1251, 14.0185)

Have a look what the booklet for
XYZ(52.0488, 40.1251, 14.0185)
contains.

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Color

**XYZ(52.0488, 40.1251,
14.0185)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A57
RGB	255, 138, 87
RGB Percent	100%, 54%, 34%
CMY	0.0000, 0.4588, 0.6588
CMYK	0.00, 0.46, 0.66, 0.00
HSL	18°, 100%, 67%
HSV	18°, 66%, 100%
XYZ	52.0488, 40.1251, 14.0185
YIQ	167.1690, 86.1030, 8.9430

Conversions

Conversions Part 2

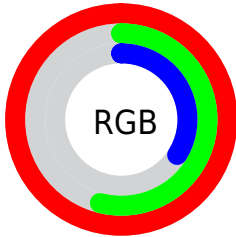
Format	Color
R_{YB}	255, 160, 87
Decimal	16747095
CIE _{Lab}	69.56, 40.28, 46.53
CIE _{LCh}	70, 61.539, 49.115
Yxy	40.1251, 0.4901, 0.3779
Android (android.graphics.Color)	4294937175 (0xFFFF8A57)
YUV	167.1690, -39.5233, 77.0278
Hunter-Lab	63.3444, 35.8172, 31.2198

Details

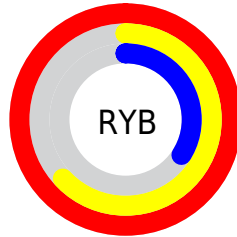
The XYZ color **52.0488, 40.1251, 14.0185** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **43.5718, 52.4288, 102.4305**, and the grayscale version is **36.9714, 38.8968, 42.3586**.

A 20% lighter version of the original color is **64.8974, 61.2349, 32.4438**, and **25.6700, 18.1330, 3.9808** is the 20% darker color. If you saturate the color by 10%, you get **48.8422, 35.0954, 8.6859**, and if you desaturate by 10%, it is **56.0416, 46.1393, 21.4282**.

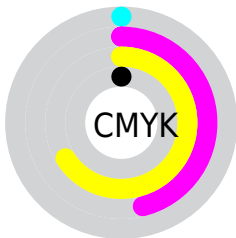
Distribution



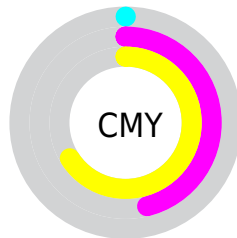
- Red (100%)
- Green (54%)
- Blue (34%)



- Red (100%)
- Yellow (63%)
- Blue (34%)



- Cyan (0%)
- Magenta (46%)
- Yellow (66%)
- Black (0%)





- Cyan (0%)
- Magenta (46%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0488, 40.1251, 14.0185 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 52.0488, 40.1251, 14.0185 by changing the saturation by 10% instead.


 52.0488, 40.1251,
14.0185


 52.0488, 40.1251,
14.0185


384.9458,
346.6506, 228.7783

 37.2684, 27.6361,
7.9946

 92.3770, 75.3540,
33.8394

 25.5900, 18.0515,
4.0038


 118.6555, 98.8626,
48.4736


 16.6482, 10.9870,
1.6274


 149.4975,
126.8133, 66.8150

 10.0778, 6.0581,
0.3103

 185.2682,
159.5904, 89.2820

 5.5132, 2.8804,
0.0000

 226.3330,
197.5782, 116.2934

 2.5892, 1.0696,
0.0000

273.0573,

 0.9405, 0.0000,

241.1613, 148.2675

0.0000

325.8065,
290.7239, 185.6230

■ 0.0000, 0.0000,
0.0000

■ 52.0488, 40.1251,
14.0185

■ 52.0488, 40.1251,
14.0185

■ 48.8422, 35.0954,
8.6859

■ 56.0416, 46.1393,
21.4282

■ 46.3581, 30.9870,
5.2070

■ 60.8715, 53.1832,
31.1025


■ 44.5249, 27.7381,
3.3090

■ 66.5879, 61.3067,
43.2102

■ 43.9232, 26.6267,
2.8245

■ 73.2353, 70.5543,
57.9034

■ 80.8551, 80.9678,
75.3214

 89.4861, 92.5871,
95.5938

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



59.1707, 40.1251, 28.1189



52.0488, 40.1251, 14.0185



41.8578, 40.1251, 8.9881

Triad

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



52.0488, 40.1251, 14.0185



22.2937, 40.1251, 34.1562



44.7375, 40.1251, 118.3923

Complementary

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



52.0488, 40.1251, 14.0185



43.5718, 52.4288, 102.4305

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.



34.6448, 40.1251, 122.3841



52.0488, 40.1251, 14.0185



22.7932, 40.1251, 64.1520

Square

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



52.0488, 40.1251, 14.0185



25.4481, 40.1251, 16.7833



26.9564, 40.1251, 99.4356



54.4692, 40.1251, 90.1404

Rectangle

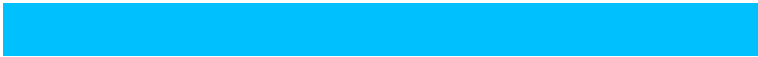
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0488, 40.1251, 14.0185



35.1925, 40.1251, 8.8863



26.9564, 40.1251, 99.4356



41.2429, 40.1251, 122.9678

Sweetspot

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



52.0497, 40.1272, 14.0192



77.5971, 76.5357, 67.8098



55.6193, 32.4650, 60.8397



16.1538, 15.7591, 13.4752



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.



52.0497, 40.1272, 14.0192



47.9933, 33.7182, 7.4136



68.9223, 73.8723, 19.6434



18.4590, 18.8862, 18.8168



23.0652, 14.1416, 1.5139



2.3371, 1.5595, 0.1778

Inverse Universe

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



43.5718, 52.4288, 102.4305



38.8029, 46.5031, 101.5386



28.7696, 22.8243, 97.4964



18.0621, 19.4958, 23.0610



17.8443, 20.5982, 52.4699



1.8338, 2.1982, 5.1409

Previews

White Background



This preview shows how the XYZ color 52.0488, 40.1251, 14.0185 looks on a white background.

Color Contrast Check

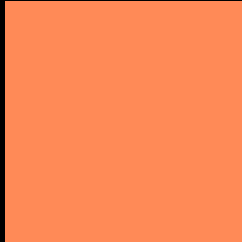
Large Text (above 18pt) WCAG AA × Fail

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 52.0488, 40.1251, 14.0185 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 52.0488, 40.1251, 14.0185

Background



This preview shows how black text looks on a background with the XYZ color 52.0488, 40.1251, 14.0185.



This preview shows how white text looks on a background with the XYZ color 52.0488, 40.1251,

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

52.0488, 40.1251, 14.0185

Protanopia

37.0728, 40.1961, 17.3599

Deuteranopia

41.0217, 40.1515, 13.5706



Tritanopia

54.5100, 39.9881, 30.4367

Trichromacy



Original Color

52.0488, 40.1251, 14.0185

Protanomaly

41.3986, 39.2589, 15.9855

Deuteranomaly

44.3555, 39.5913, 13.6916

Tritanomaly

53.4168, 39.9931, 23.3164

Monochromacy



Original Color

52.0488, 40.1251, 14.0185

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.0291, 37.7540, 29.2222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0488, 40.1251, 14.0185 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(255, 138, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 87)  
}
```

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(255, 138, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 87) }
```

Border

The CSS property to change the border of an element to XYZ 52.0488, 40.1251, 14.0185 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(255, 138, 87) }
```


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

```
.border{ border-color:rgb(255, 138, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0488, 40.1251, 14.0185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 87) }
```

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

```
.background{ background-color: rgb(255,  
138, 87) }
```

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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