

Converting Colors

XYZ(53.2939, 40.6346, 19.2737)

Have a look what the booklet for
XYZ(53.2939, 40.6346, 19.2737)
contains.

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Color

**XYZ(53.0353, 40.5197,
19.2132)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8A6C |
| RGB | 255, 138, 108 |
| RGB Percent | 100%, 54%, 42% |
| CMY | 0.0000, 0.4588, 0.5765 |
| CMYK | 0.00, 0.46, 0.58, 0.00 |
| HSL | 12°, 100%, 71% |
| HSV | 12°, 58%, 100% |
| XYZ | 53.0353, 40.5197, 19.2132 |
| YIQ | 169.5630, 79.3620, 15.4740 |

Conversions

Conversions Part 2

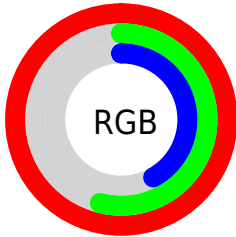
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 146, 108 |
| Decimal | 16747116 |
| CIE Lab | 69.84, 41.64, 35.82 |
| CIE LCh | 70, 54.928, 40.700 |
| Yxy | 40.5197, 0.4703, 0.3593 |
| Android (android.graphics.Color) | 4294937196 (0xFFFF8A6C) |
| YUV | 169.5630, -30.3506, 74.9282 |
| Hunter-Lab | 63.6551, 37.3239, 26.6629 |

Details

The XYZ color **53.0353, 40.5197, 19.2132** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.1578, 64.2550, 104.3135**, and the grayscale version is **38.1107, 40.0954, 43.6639**.

A 20% lighter version of the original color is **66.6551, 61.9380, 41.6998**, and **26.0564, 18.1607, 6.4070** is the 20% darker color. If you saturate the color by 10%, you get **49.2267, 34.7661, 12.1991**, and if you desaturate by 10%, it is **57.7867, 47.5243, 28.4998**.

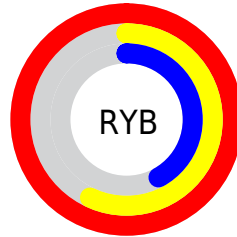
Distribution



Red (100%)

Green (54%)

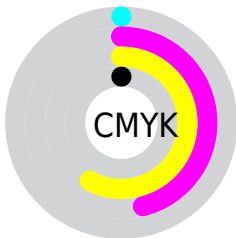
Blue (42%)



Red (100%)

Yellow (57%)

Blue (42%)

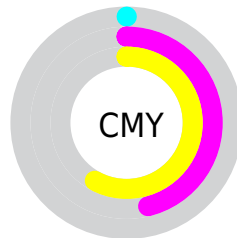


Cyan (0%)

Magenta (46%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0353, 40.5197, 19.2132 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 53.0353, 40.5197, 19.2132 by changing the saturation by 10% instead.


 53.0353, 40.5197,
19.2132


 53.0353, 40.5197,
19.2132


388.6792,
348.3092, 260.0851

 38.0585, 27.9440,
11.6461


 93.8215, 75.9542,
42.9355


 26.2055, 18.2834,
6.3836


 120.3617, 99.5819,
59.9278

 17.1110, 11.1537,
3.0071


 151.4871,
127.6622, 80.8989

 10.4094, 6.1703,
1.0983

 187.5630,
160.5797, 106.2673

 5.7356, 2.9489,
0.0000

228.9548,
198.7188, 136.4516

 2.7241, 1.1051,
0.0000

276.0279,

 1.0096, 0.0000,

242.4638, 171.8703

0.0000

329.1475,
292.1991, 212.9419

■ 0.0000, 0.0000,
0.0000

■ 53.0353, 40.5197,
19.2132

■ 53.0353, 40.5197,
19.2132

■ 49.2267, 34.7661,
12.1991

■ 57.7867, 47.5243,
28.4998

■ 46.2918, 30.1822,
7.2570

■ 63.5374, 55.8421,
40.2313

■ 44.1564, 26.6866,
4.1550

■ 70.3428, 65.5388,
54.5662

■ 42.7274, 24.1824,
2.5880

■ 78.2531, 76.6736,
71.6487

■ 42.4702, 23.7206,
2.3401

■ 87.3154, 89.3023,
91.6125

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.



57.9453, 40.5197, 35.6129



53.0353, 40.5197, 19.2132



44.4648, 40.5197, 12.1003

Triad

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



53.0353, 40.5197, 19.2132



24.4865, 40.5197, 29.7929



41.7858, 40.5197, 112.1320

Complementary

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



53.0353, 40.5197, 19.2132



51.1578, 64.2550, 104.3135

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.



33.1171, 40.5197, 108.6182



53.0353, 40.5197, 19.2132



23.9975, 40.5197, 53.8821

Square

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



53.0353, 40.5197, 19.2132



28.3756, 40.5197, 16.3729



26.9175, 40.5197, 84.5302



50.8155, 40.5197, 92.8237

Rectangle

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



53.0353, 40.5197, 19.2132



38.3037, 40.5197, 10.9733



26.9175, 40.5197, 84.5302



38.7225, 40.5197, 113.7232

Sweetspot

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



53.0363, 40.5218, 19.2139



78.8039, 77.4445, 72.8510



60.2752, 37.4544, 75.7166



16.5044, 16.0681, 14.8019



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.



53.0363, 40.5218, 19.2139



48.7800, 34.0790, 11.4136



67.2161, 68.8816, 23.9406



18.3097, 18.5875, 18.7671



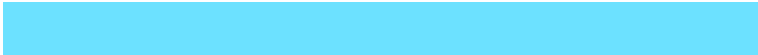
22.2756, 12.5624, 1.2507



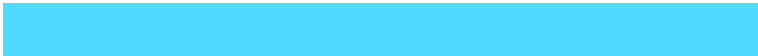
2.2422, 1.3698, 0.1462

Inverse Universe

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



51.1578, 64.2550, 104.3135



46.6320, 59.5912, 103.6522



35.4791, 32.8974, 99.0873



18.2215, 19.8145, 23.1142



20.6940, 26.2975, 53.4198



2.0907, 2.7121, 5.2266

Previews

White Background



This preview shows how the XYZ color 53.0353, 40.5197, 19.2132 looks on a white background.

Color Contrast Check

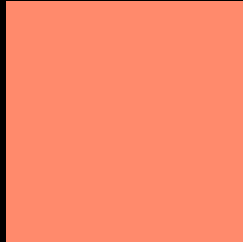
Large Text (above 18pt) WCAG AA × Fail

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 53.0353, 40.5197, 19.2132 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 53.0353, 40.5197, 19.2132

Background



This preview shows how black text looks on a background with the XYZ color 53.0353, 40.5197, 19.2132.



This preview shows how white text looks on a background with the XYZ color 53.0353, 40.5197,

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

53.0353, 40.5197, 19.2132

Protanopia

37.7813, 40.6966, 23.9531

Deuteranopia

41.2775, 40.4391, 18.4619



Tritanopia

54.9380, 40.6016, 31.3269

Trichromacy



Original Color

53.0353, 40.5197, 19.2132

Protanomaly

42.1289, 39.7589, 21.9768

Deuteranomaly

44.8459, 39.9784, 18.7176

Tritanomaly

54.1409, 40.5070, 26.4378

Monochromacy



Original Color

53.0353, 40.5197, 19.2132

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.5807, 38.9778, 32.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0353, 40.5197, 19.2132 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 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(255, 138, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 108) }
```

Border

The CSS property to change the border of an element to XYZ 53.0353, 40.5197, 19.2132 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, 108) }
```


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

```
.border{ border-color:rgb(255, 138, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0353, 40.5197, 19.2132 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, 108) }
```

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

```
.background{ background-color: rgb(255,  
138, 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](#).

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