

Converting Colors

XYZ(65.0015, 46.8721, 19.9519)

Have a look what the booklet for
XYZ(65.0015, 46.8721, 19.9519)
contains.

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Color

**XYZ(53.2329, 40.8294,
19.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B6D
RGB	255, 139, 109
RGB Percent	100%, 55%, 43%
CMY	0.0000, 0.4549, 0.5725
CMYK	0.00, 0.45, 0.57, 0.00
HSL	12°, 100%, 71%
HSV	12°, 57%, 100%
XYZ	53.2329, 40.8294, 19.5432
YIQ	170.2640, 78.7660, 15.2620

Conversions

Conversions Part 2

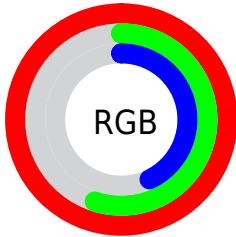
Format	Color
R _Y B	255, 147, 109
Decimal	16747373
CIE Lab	70.06, 41.21, 35.56
CIE LCh	70, 54.431, 40.785
Yxy	40.8294, 0.4686, 0.3594
Android (android.graphics.Color)	4294937453 (0xFFFF8B6D)
YUV	170.2640, -30.2032, 74.3135
Hunter-Lab	63.8979, 36.8858, 26.5946

Details

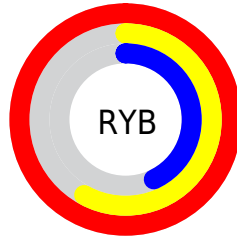
The XYZ color **53.2329, 40.8294, 19.5432** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.2800, 64.3178, 104.3190**, and the grayscale version is **38.4599, 40.4628, 44.0640**.

A 20% lighter version of the original color is **66.9648, 62.4168, 42.2364**, and **26.4182, 18.4618, 6.5860** is the 20% darker color. If you saturate the color by 10%, you get **49.3875, 35.0261, 12.4432**, and if you desaturate by 10%, it is **58.0219, 47.8833, 28.9223**.

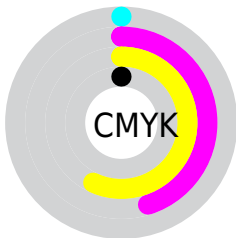
Distribution



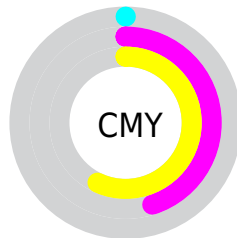
- Red (100%)
- Green (55%)
- Blue (43%)



- Red (100%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (45%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2329, 40.8294, 19.5432 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 53.2329, 40.8294, 19.5432 by changing the saturation by 10% instead.


 53.2329, 40.8294,
19.5432

 53.2329, 40.8294,
19.5432


389.4243,
349.6071, 261.9533

 38.2169, 28.1858,
11.8827


 94.1105, 76.4249,
43.4988


 26.3291, 18.4658,
6.5423

 120.7029,
100.1455, 60.6310

 17.2040, 11.2849,
3.1035


 151.8847,
128.3273, 81.7575

 10.4762, 6.2588,
1.1477

 188.0215,
161.3546, 107.2968

 5.7805, 3.0031,
0.0000

229.4785,
199.6118, 137.6675

 2.7515, 1.1333,
0.0000

276.6210,

 1.0237, 0.0062,

243.4834, 173.2881

0.0000

329.8145,
293.3537, 214.5772

■ 0.0000, 0.0000,
0.0000

■ 53.2329, 40.8294,
19.5432

■ 53.2329, 40.8294,
19.5432

■ 49.3875, 35.0261,
12.4432

■ 58.0219, 47.8833,
28.9223

■ 46.4171, 30.3927,
7.4231

■ 63.8107, 56.2494,
40.7523

■ 44.2481, 26.8485,
4.2527

■ 70.6542, 65.9928,
55.1908

■ 42.7897, 24.2985,
2.6359

■ 78.6025, 77.1725,
72.3817

■ 42.4861, 23.7525,
2.3454

■ 87.7023, 89.8438,
92.4583

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



58.1246, 40.8294, 35.9150



53.2329, 40.8294, 19.5432



44.7056, 40.8294, 12.4118

Triad

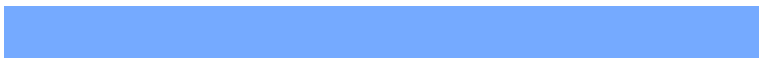
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.2329, 40.8294, 19.5432



24.8071, 40.8294, 30.2196



42.0925, 40.8294, 111.9202

Complementary

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



53.2329, 40.8294, 19.5432



51.2800, 64.3178, 104.3190

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.



33.4517, 40.8294, 108.5105



53.2329, 40.8294, 19.5432



24.3279, 40.8294, 54.2545

Square

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



53.2329, 40.8294, 19.5432



28.6831, 40.8294, 16.7479



27.2558, 40.8294, 84.6870



51.0706, 40.8294, 92.7451

Rectangle

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



53.2329, 40.8294, 19.5432



38.5735, 40.8294, 11.2854



27.2558, 40.8294, 84.6870



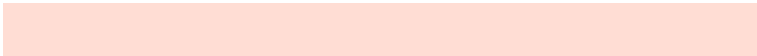
39.0416, 40.8294, 113.5186

Sweetspot

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



53.2339, 40.8315, 19.5439



78.8199, 77.4765, 72.8563



60.4085, 37.6774, 75.8961



16.5082, 16.0755, 14.8032



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.



53.2339, 40.8315, 19.5439



48.8081, 34.1352, 11.4230



67.3441, 69.0519, 24.2473



18.3117, 18.5917, 18.7677



22.2844, 12.5801, 1.2537



2.2434, 1.3721, 0.1466

Inverse Universe

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



51.2800, 64.3178, 104.3190



46.5678, 59.4627, 103.6308



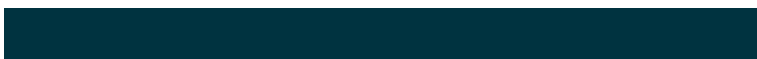
35.7154, 33.1886, 99.1307



18.2192, 19.8100, 23.1134



20.6505, 26.2106, 53.4053



2.0868, 2.7043, 5.2253

Previews

White Background



This preview shows how the XYZ color 53.2329, 40.8294, 19.5432 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 53.2329, 40.8294, 19.5432 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 53.2329, 40.8294, 19.5432

Background



This preview shows how black text looks on a background with the XYZ color 53.2329, 40.8294, 19.5432.



This preview shows how white text looks on a background with the XYZ color 53.2329, 40.8294,

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

53.2329, 40.8294, 19.5432

Protanopia

38.2730, 41.2245, 24.3523

Deuteranopia

41.7866, 40.9603, 18.8004



Tritanopia

55.1550, 40.9127, 31.7780

Trichromacy



Original Color

53.2329, 40.8294, 19.5432

Protanomaly

42.3600, 40.1276, 22.3424

Deuteranomaly

45.3742, 40.4908, 19.0597

Tritanomaly

54.3505, 40.8173, 26.8437

Monochromacy



Original Color

53.2329, 40.8294, 19.5432

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.8308, 39.3519, 33.4079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2329, 40.8294, 19.5432 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, 139, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 109)  
}
```

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, 139, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 109) }
```

Border

The CSS property to change the border of an element to XYZ 53.2329, 40.8294, 19.5432 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, 139, 109) }
```


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

```
.border{ border-color:rgb(255, 139, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2329, 40.8294, 19.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 109) }
```

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

```
.background{ background-color: rgb(255,  
139, 109) }
```

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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