

Converting Colors

XYZ(53.5808, 42.4968, 16.6635)

Have a look what the booklet for
XYZ(53.5808, 42.4968, 16.6635)
contains.

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Color

**XYZ(53.5231, 42.3739,
16.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9161
RGB	255, 145, 97
RGB Percent	100%, 57%, 38%
CMY	0.0000, 0.4313, 0.6196
CMYK	0.00, 0.43, 0.62, 0.00
HSL	18°, 100%, 69%
HSV	18°, 62%, 100%
XYZ	53.5231, 42.3739, 16.6673
YIQ	172.4180, 80.9680, 8.3920

Conversions

Conversions Part 2

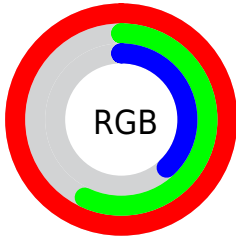
Format	Color
R _Y B	255, 166, 97
Decimal	16748897
CIE Lab	71.13, 37.34, 43.23
CIE LCh	71, 57.127, 49.182
Yxy	42.3739, 0.4755, 0.3764
Android (android.graphics.Color)	4294938977 (0xFFFF9161)
YUV	172.4180, -37.1811, 72.4244
Hunter-Lab	65.0952, 32.8510, 30.3858

Details

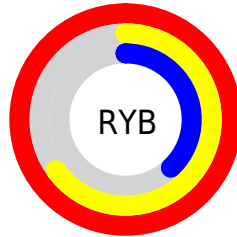
The XYZ color **53.5231, 42.3739, 16.6673** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.2911, 54.3840, 102.7173**, and the grayscale version is **39.5797, 41.6409, 45.3470**.

A 20% lighter version of the original color is **67.3191, 64.7385, 37.3814**, and **26.4402, 19.3796, 5.1434** is the 20% darker color. If you saturate the color by 10%, you get **50.0157, 36.9661, 10.5451**, and if you desaturate by 10%, it is **57.8384, 48.7866, 24.9441**.

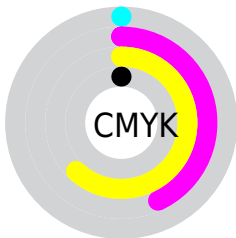
Distribution



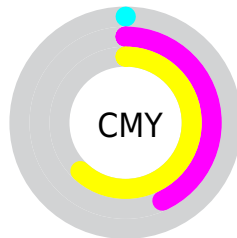
- Red (100%)
- Green (57%)
- Blue (38%)



- Red (100%)
- Yellow (65%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5231, 42.3739, 16.6673 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 53.5231, 42.3739, 16.6673 by changing the saturation by 10% instead.


 53.5231, 42.3739,
16.6673


 53.5231, 42.3739,
16.6673


390.5169,
356.0306, 245.2265

 38.4497, 29.3942,
9.8381

 94.5347, 78.7652,
38.5356

 26.5107, 19.3792,
5.1876


 121.2035,
102.9456, 54.4119

 17.3407, 11.9446,
2.2971


 152.4682,
131.6282, 74.1409

 10.5745, 6.7060,
0.7296

 188.6941,
165.1977, 98.1412

 5.8467, 3.2789,
0.0000

230.2466,
204.0382, 126.8314

 2.7919, 1.2790,
0.0000

277.4910,

 1.0447, 0.1249,

248.5343, 160.6300

0.0000

330.7926,
299.0703, 199.9555

■ 0.0000, 0.0000,
0.0000

■ 53.5231, 42.3739,
16.6673

■ 53.5231, 42.3739,
16.6673

■ 50.0157, 36.9661,
10.5451

■ 57.8384, 48.7866,
24.9441

■ 47.2555, 32.5022,
6.3679

■ 63.0100, 56.2476,
35.5535

■ 45.1762, 28.9235,
3.8872

■ 69.0857, 64.8054,
48.6576

■ 43.9273, 26.6349,
2.8258

■ 76.1087, 74.5033,
64.4030

■ 84.1193, 85.3825,
82.9250

93.1552, 97.4818,
104.3497

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.



60.2475, 42.3739, 30.9139



53.5231, 42.3739, 16.6673



43.8241, 42.3739, 11.3438

Triad

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



53.5231, 42.3739, 16.6673



24.7853, 42.3739, 36.9470



46.6210, 42.3739, 115.8470

Complementary

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



53.5231, 42.3739, 16.6673



45.2911, 54.3840, 102.7173

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.



36.9231, 42.3739, 119.5567



53.5231, 42.3739, 16.6673



25.2907, 42.3739, 65.6842

Square

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



53.5231, 42.3739, 16.6673



27.9055, 42.3739, 19.5753



29.4162, 42.3739, 98.5379



55.8472, 42.3739, 89.8061

Rectangle

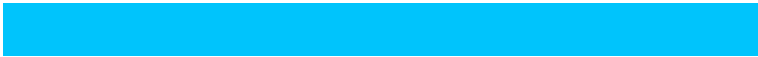
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



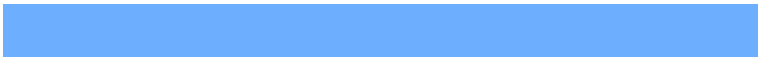
53.5231, 42.3739, 16.6673



37.4129, 42.3739, 11.2417



29.4162, 42.3739, 98.5379



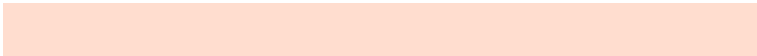
43.2798, 42.3739, 120.0496

Sweetspot

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



53.5241, 42.3761, 16.6681



78.3756, 77.5991, 69.5907



56.8507, 34.3440, 63.0496



16.3065, 15.9688, 13.8215



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.



53.5241, 42.3761, 16.6681



49.3942, 35.9807, 9.5424



69.8922, 75.1123, 22.1241



18.4594, 18.8869, 18.8170



23.0674, 14.1459, 1.5147



2.3373, 1.5600, 0.1779

Inverse Universe

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



45.2911, 54.3840, 102.7173



40.4348, 48.6242, 101.8620



30.7777, 25.3571, 97.8795



18.0617, 19.4950, 23.0609



17.8383, 20.5862, 52.4679



1.8332, 2.1972, 5.1407

Previews

White Background



This preview shows how the XYZ color 53.5231, 42.3739, 16.6673 looks on a white background.

Color Contrast Check

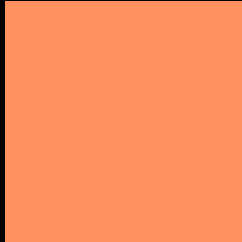
Large Text (above 18pt) WCAG AA × Fail

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 53.5231, 42.3739, 16.6673 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 53.5231, 42.3739, 16.6673

Background



This preview shows how black text looks on a background with the XYZ color 53.5231, 42.3739, 16.6673.



This preview shows how white text looks on a background with the XYZ color 53.5231, 42.3739,

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

53.5231, 42.3739, 16.6673

Protanopia

39.5226, 42.8190, 20.3692

Deuteranopia

43.3436, 42.3589, 16.2476



Tritanopia

56.2699, 42.5118, 34.0940

Trichromacy



Original Color

53.5231, 42.3739, 16.6673

Protanomaly

43.5057, 41.8465, 18.8809

Deuteranomaly

46.5603, 41.9199, 16.2270

Tritanomaly

55.0097, 42.2447, 26.7274

Monochromacy



Original Color

53.5231, 42.3739, 16.6673

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.3883, 40.4416, 32.3600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5231, 42.3739, 16.6673 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, 145, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 97)  
}
```

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, 145, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 97) }
```

Border

The CSS property to change the border of an element to XYZ 53.5231, 42.3739, 16.6673 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, 145, 97) }
```


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

```
.border{ border-color:rgb(255, 145, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5231, 42.3739, 16.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 97) }
```

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

```
.background{ background-color: rgb(255,  
145, 97) }
```

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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