

Converting Colors

XYZ(52.8656, 41.0944, 16.3389)

Have a look what the booklet for
XYZ(52.8656, 41.0944, 16.3389)
contains.

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Color

**XYZ(52.9225, 41.1728,
16.4671)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8D61
RGB	255, 141, 97
RGB Percent	100%, 55%, 38%
CMY	0.0000, 0.4470, 0.6196
CMYK	0.00, 0.45, 0.62, 0.00
HSL	17°, 100%, 69%
HSV	17°, 62%, 100%
XYZ	52.9225, 41.1728, 16.4671
YIQ	170.0700, 82.0680, 10.4840

Conversions

Conversions Part 2

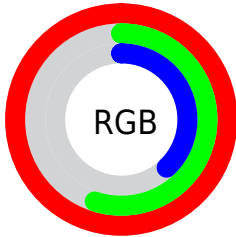
Format	Color
RYB	255, 158, 97
Decimal	16747873
CIELab	70.30, 39.37, 42.23
CIELCh	70, 57.738, 47.005
Yxy	41.1728, 0.4787, 0.3724
Android (android.graphics.Color)	4294937953 (0xFFFF8D61)
YUV	170.0700, -36.0235, 74.4836
Hunter-Lab	64.1660, 34.9317, 29.7005

Details

The XYZ color **52.9225, 41.1728, 16.4671** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.2724, 56.3466, 103.0443**, and the grayscale version is **38.3898, 40.3891, 43.9837**.

A 20% lighter version of the original color is **66.4047, 62.9098, 37.0767**, and **26.1191, 18.7040, 5.1393** is the 20% darker color. If you saturate the color by 10%, you get **49.4279, 35.7906, 10.3491**, and if you desaturate by 10%, it is **57.2517, 47.6133, 24.7485**.

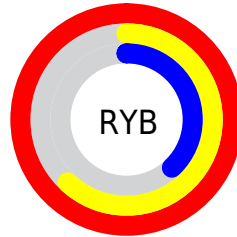
Distribution



Red (100%)

Green (55%)

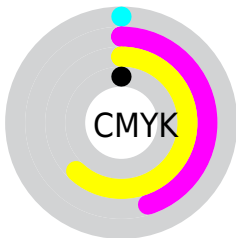
Blue (38%)



Red (100%)

Yellow (62%)

Blue (38%)

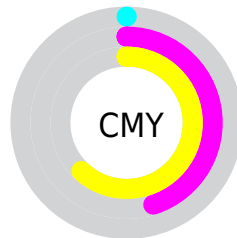


Cyan (0%)

Magenta (45%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9225, 41.1728, 16.4671 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 52.9225, 41.1728, 16.4671 by changing the saturation by 10% instead.


 52.9225, 41.1728,
16.4671


 52.9225, 41.1728,
16.4671


388.2534,
351.0423, 244.0215


 37.9681, 28.4541,
9.6974


 93.6565, 76.9461,
38.1852


 26.1351, 18.6683,
5.0958


 120.1669,
100.7696, 53.9707

 17.0579, 11.4308,
2.2439


 151.2600,
129.0635, 73.5986

 10.3714, 6.3574,
0.6995

 187.3011,
162.2121, 97.4872

 5.7100, 3.0636,
0.0000

228.6557,
200.5999, 126.0553

 2.7085, 1.1650,
0.0000

275.6890,

 1.0016, 0.0329,

244.6113, 159.7214

0.0000

328.7665,
294.6306, 198.9039

■ 0.0000, 0.0000,
0.0000

■ 52.9225, 41.1728,
16.4671

■ 52.9225, 41.1728,
16.4671

■ 49.4279, 35.7906,
10.3491

■ 57.2517, 47.6133,
24.7485

■ 46.7046, 31.4006,
6.1843

■ 62.4663, 55.1604,
35.3723

■ 44.6835, 27.9382,
3.7230

■ 68.6163, 63.8668,
48.5011

■ 43.4944, 25.7693,
2.6816

■ 75.7469, 73.7799,
64.2823

■ 83.9000, 84.9443,
82.8518

93.1154, 97.4024,
104.3363

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.



59.2748, 41.1728, 31.2336



52.9225, 41.1728, 16.4671



43.3760, 41.1728, 10.7818

Triad

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



52.9225, 41.1728, 16.4671



23.9272, 41.1728, 34.0886



44.7086, 41.1728, 115.5503

Complementary

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



52.9225, 41.1728, 16.4671



46.2724, 56.3466, 103.0443

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.



35.1770, 41.1728, 117.3362



52.9225, 41.1728, 16.4671



24.1657, 41.1728, 61.8912

Square

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



52.9225, 41.1728, 16.4671



27.2607, 41.1728, 17.8273



27.9754, 41.1728, 94.8624



54.0328, 41.1728, 90.6697

Rectangle

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



52.9225, 41.1728, 16.4671



36.9529, 41.1728, 10.4196



27.9754, 41.1728, 94.8624



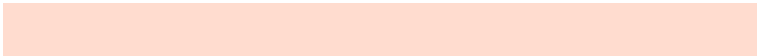
41.3983, 41.1728, 119.1441

Sweetspot

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



52.9235, 41.1750, 16.4678



78.0524, 76.9528, 69.4830



57.5079, 34.6069, 66.5108



16.2294, 15.8145, 13.7958



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.



52.9235, 41.1750, 16.4678



48.8121, 34.8166, 9.3484



68.5034, 72.3348, 21.6612



18.4212, 18.8105, 18.8042



22.8341, 13.6795, 1.4369



2.3105, 1.5064, 0.1690

Inverse Universe

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



46.2724, 56.3466, 103.0443



41.5416, 50.8378, 102.2309



31.4866, 26.7751, 98.1157



18.1021, 19.5758, 23.0744



18.5175, 21.9445, 52.6943



1.8951, 2.3209, 5.1614

Previews

White Background



This preview shows how the XYZ color 52.9225, 41.1728, 16.4671 looks on a white background.

Color Contrast Check

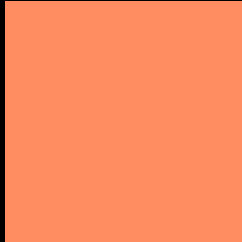
Large Text (above 18pt) WCAG AA × Fail

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 52.9225, 41.1728, 16.4671 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 52.9225, 41.1728, 16.4671

Background



This preview shows how black text looks on a background with the XYZ color 52.9225, 41.1728, 16.4671.



This preview shows how white text looks on a background with the XYZ color 52.9225, 41.1728,

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

52.9225, 41.1728, 16.4671

Protanopia

38.2519, 41.3005, 20.4237

Deuteranopia

42.0712, 41.1725, 15.8549



Tritanopia

55.3740, 41.2266, 32.2331

Trichromacy



Original Color

52.9225, 41.1728, 16.4671

Protanomaly

42.4460, 40.5067, 18.9460

Deuteranomaly

45.5874, 40.9160, 16.0845

Tritanomaly

54.2248, 40.9955, 25.4770

Monochromacy



Original Color

52.9225, 41.1728, 16.4671

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.4435, 39.1970, 31.3681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9225, 41.1728, 16.4671 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, 141, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 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, 141, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 97) }
```

Border

The CSS property to change the border of an element to XYZ 52.9225, 41.1728, 16.4671 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, 141, 97) }
```


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

```
.border{ border-color:rgb(255, 141, 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, 141, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9225, 41.1728, 16.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 97) }
```

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

```
.background{ background-color: rgb(255,  
141, 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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