

Converting Colors

XYZ(50.2749, 41.7369, 11.5371)

Have a look what the booklet for
XYZ(50.2749, 41.7369, 11.5371)
contains.

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Color

**XYZ(50.2749, 41.7369,
11.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	F79548
RGB	247, 149, 72
RGB Percent	97%, 58%, 28%
CMY	0.0314, 0.4157, 0.7176
CMYK	0.00, 0.40, 0.71, 0.03
HSL	26°, 92%, 63%
HSV	26°, 71%, 97%
XYZ	50.2749, 41.7369, 11.5371
YIQ	169.5240, 83.1250, -3.1710

Conversions

Conversions Part 2

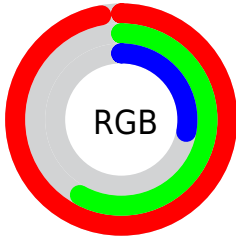
Format	Color
R _Y B	247, 210, 72
Decimal	16225608
CIE Lab	70.69, 30.71, 54.82
CIE LCh	71, 62.837, 60.748
Yxy	41.7369, 0.4855, 0.4031
Android (android.graphics.Color)	4294415688 (0xFFFF79548)
YUV	169.5240, -48.0793, 67.9465
Hunter-Lab	64.6041, 25.8515, 34.6348

Details

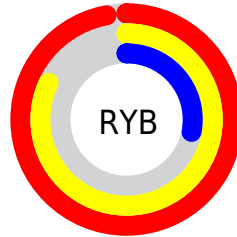
The XYZ color **50.2749, 41.7369, 11.5371** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **33.8347, 36.8405, 93.3228**, and the grayscale version is **38.1752, 40.1633, 43.7378**.

A 20% lighter version of the original color is **66.4710, 65.9010, 28.2855**, and **24.3915, 18.9073, 2.9362** is the 20% darker color. If you saturate the color by 10%, you get **47.5653, 37.3588, 7.4254**, and if you desaturate by 10%, it is **53.5698, 46.7685, 17.4403**.

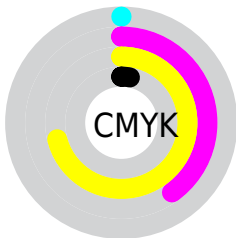
Distribution



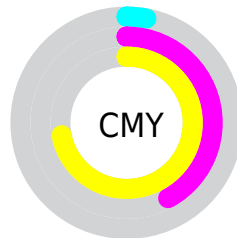
- Red (97%)
- Green (58%)
- Blue (28%)



- Red (97%)
- Yellow (82%)
- Blue (28%)



- Cyan (0%)
- Magenta (40%)
- Yellow (71%)
- Black (3%)



- Cyan (3%)
- Magenta (42%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2749, 41.7369, 11.5371 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 50.2749, 41.7369, 11.5371 by changing the saturation by 10% instead.

50.2749, 41.7369,
11.5371

50.2749, 41.7369,
11.5371

378.1742,
353.3911, 212.1842

35.8506, 28.8953,
6.3106

89.7714, 77.8013,
29.3008

24.4884, 19.0017,
2.9630

115.5743,
101.7929, 42.6752

15.8230, 11.6715,
1.0758

145.9008,
130.2699, 59.6026

9.4890, 6.5204,
0.0000

181.1162,
163.6169, 80.5016

5.1212, 3.1640,
0.0000

221.5859,
202.2181, 105.7907

2.3540, 1.2180,
0.0000

267.6753,

0.8221, 0.0763,

246.4579, 135.8885

0.0000

319.7496,
296.7208, 171.2135

■ 0.0000, 0.0000,
0.0000

■ 50.2749, 41.7369,
11.5371

■ 50.2749, 41.7369,
11.5371

■ 47.5653, 37.3588,
7.4254

■ 53.5698, 46.7685,
17.4403

■ 45.3876, 33.5930,
4.8818


■ 57.4903, 52.4782,
25.3179


■ 43.7930, 30.6450,
3.6069


■ 62.0758, 58.8965,
35.3321

■ 67.3610, 66.0502,
47.6277

■ 73.3782, 73.9640,
62.3367

 80.1573, 82.6616,
79.5808

 87.7264, 92.1655,
99.4735

 92.1675, 98.5140,
108.7651

Harmonies

Analogous

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



59.4752, 41.7369, 21.9880



50.2749, 41.7369, 11.5371



39.4090, 41.7369, 8.8493

Triad

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



50.2749, 41.7369, 11.5371



22.8345, 41.7369, 46.1966



50.8066, 41.7369, 114.6455

Complementary

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



50.2749, 41.7369, 11.5371



33.8347, 36.8405, 93.3228

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.



39.9315, 41.7369, 130.2248



50.2749, 41.7369, 11.5371



24.8358, 41.7369, 81.4980

Square

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



50.2749, 41.7369, 11.5371



24.6451, 41.7369, 22.7963



30.6717, 41.7369, 116.0374



59.8180, 41.7369, 79.6003

Rectangle

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



50.2749, 41.7369, 11.5371



32.9938, 41.7369, 10.1560



30.6717, 41.7369, 116.0374



47.1903, 41.7369, 122.8782

Sweetspot

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



50.2759, 41.7391, 11.5379



78.7646, 79.3562, 66.7022



48.0417, 27.3557, 41.3598



16.4595, 16.4649, 13.2866



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.



50.2759, 41.7391, 11.5379



50.0676, 38.3490, 6.6182



69.3310, 79.8494, 17.8896



17.0992, 17.6825, 17.3094



23.2969, 16.4793, 1.9529



2.1481, 1.6495, 0.2052

Inverse Universe

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



33.8347, 36.8405, 93.3228



31.3640, 32.6477, 99.2563



22.6057, 14.3825, 89.5798



16.3509, 17.4662, 21.0521



13.8531, 13.5000, 48.4137



1.3198, 1.3911, 4.2892

Previews

White Background



This preview shows how the XYZ color 50.2749, 41.7369, 11.5371 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 50.2749, 41.7369, 11.5371 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 50.2749, 41.7369, 11.5371

Background



This preview shows how black text looks on a background with the XYZ color 50.2749, 41.7369, 11.5371.



This preview shows how white text looks on a background with the XYZ color 50.2749, 41.7369,

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

50.2749, 41.7369, 11.5371

Protanopia

38.2856, 42.0431, 13.4944

Deuteranopia

42.8174, 41.9266, 11.3048



Tritanopia

55.1089, 41.6860, 34.4198

Trichromacy



Original Color

50.2749, 41.7369, 11.5371

Protanomaly

41.9110, 41.4291, 12.6251

Deuteranomaly

45.1509, 41.5568, 11.2718

Tritanomaly

52.7597, 41.3741, 23.6176

Monochromacy



Original Color

50.2749, 41.7369, 11.5371

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.5121, 39.5677, 28.0564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2749, 41.7369, 11.5371 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(247, 149, 72)` looks like.

```
.text, #text, p{  
    color:rgb(247, 149, 72)  
}
```

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(247, 149, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 149, 72) }
```

Border

The CSS property to change the border of an element to XYZ 50.2749, 41.7369, 11.5371 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(247, 149, 72) }
```


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

```
.border{ border-color:rgb(247, 149, 72) }
```

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

Here you see how a box with a 4 pixel rgb(247, 149, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 149, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 149, 72);  
box-shadow:4px 4px 4px 4px rgb(247, 149,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2749, 41.7369, 11.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 149, 72) }
```

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

```
.background{ background-color: rgb(247,  
149, 72) }
```

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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