

Converting Colors

XYZ(54.2902, 47.3604, 6.2801)

Have a look what the booklet for
XYZ(54.2902, 47.3604, 6.2801)
contains.

| | |
|--|----|
| XYZ(54.3372, 47.4544, 6.2957) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(54.3372, 47.4544,
6.2957)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | FFA300 |
| RGB | 255, 163, 0 |
| RGB Percent | 100%, 64%, 0% |
| CMY | 0.0000, 0.3608, 0.9999 |
| CMYK | 0.00, 0.36, 1.00, 0.00 |
| HSL | 38°, 100%, 50% |
| HSV | 38°, 100%, 100% |
| XYZ | 54.3372, 47.4544, 6.2957 |
| YIQ | 171.9260, 107.1550, -31.1890 |

Conversions

Conversions Part 2

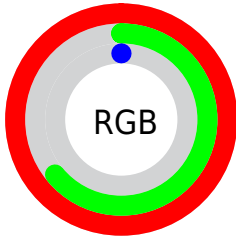
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 144, 255, 0 |
| Decimal | 16753408 |
| CIE _{Lab} | 74.48, 24.98, 78.66 |
| CIE _{LCh} | 74, 82.532, 72.383 |
| Y _{xy} | 47.4544, 0.5027, 0.4390 |
| Android (android.graphics.Color) | 4294943488 (0xFFFFA300) |
| YUV | 171.9260, -84.7595, 72.8559 |
| Hunter-Lab | 68.8872, 20.2457, 42.8024 |

Details

The XYZ color **54.3372, 47.4544, 6.2957** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **21.8777, 14.8754, 96.3251**, and the grayscale version is **39.5549, 41.6148, 45.3185**.

A 20% lighter version of the original color is **67.7227, 71.9673, 17.7188**, and **27.4227, 22.5753, 2.9121** is the 20% darker color. If you saturate the color by 10%, you get **54.3372, 47.4550, 6.2958**, and if you desaturate by 10%, it is **56.2127, 50.9162, 7.8141**.

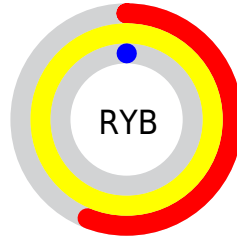
Distribution



Red (100%)

Green (64%)

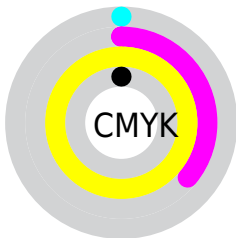
Blue (0%)



Red (56%)

Yellow (100%)

Blue (0%)

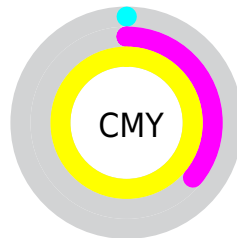


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3372, 47.4544, 6.2957 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 54.3372, 47.4544, 6.2957 by changing the saturation by 10% instead.


 54.3372, 47.4544,
6.2957

 54.3372, 47.4544,
6.2957

393.5720,
376.6254, 171.0786


 39.1031, 33.3950,
2.9540


 95.7232, 86.3915,
19.0298

 27.0210, 22.4292,
1.0712


 122.6057,
112.0380, 29.2593


 17.7257, 14.1726,
0.0000


 154.1017,
142.3157, 42.6218

 10.8517, 8.2408,
0.0000

 190.5766,
177.6089, 59.5359

 6.0338, 4.2494,
0.0000

 232.3957,
218.3021, 80.4201

 2.9065, 1.8140,
0.0000

 279.9244,

 1.1045, 0.4959,

264.7797, 105.6929

0.0000

333.5281,
317.4260, 135.7729

■ 0.0289, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3372, 47.4544,
6.2957

■ 54.3372, 47.4544,
6.2957

■ 54.3372, 47.4550,
6.2958

■ 56.2127, 50.9162,
7.8141

■ 58.4442, 54.7124,
10.6138

■ 61.1072, 58.8790,
15.0757

■ 64.2480, 63.4382,
21.4326

67.9059, 68.4094,
29.8801

72.1153, 73.8097,
40.5888

76.9073, 79.6550,
53.7120

82.3103, 85.9600,
69.3891

88.3507, 92.7384,
87.7491

Harmonies

Analogous

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



69.7338, 47.4544, 13.7601



54.3372, 47.4544, 6.2957



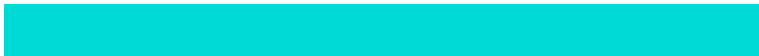
39.2377, 47.4544, 5.8313

Triad

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



54.3372, 47.4544, 6.2957



22.5180, 47.4544, 71.3272



67.2909, 47.4544, 139.0012

Complementary

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



54.3372, 47.4544, 6.2957



21.8777, 14.8754, 96.3251

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.



51.5276, 47.4544, 180.2913



54.3372, 47.4544, 6.2957



27.0867, 47.4544, 129.0087

Square

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



54.3372, 47.4544, 6.2957



22.9466, 47.4544, 30.6121



36.9809, 47.4544, 175.8694



78.2708, 47.4544, 80.6756

Rectangle

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



54.3372, 47.4544, 6.2957



31.4402, 47.4544, 8.7485



36.9809, 47.4544, 175.8694



62.2442, 47.4544, 156.4740

Sweetspot

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



54.3382, 47.4569, 6.2966



76.9050, 79.6522, 53.7042



43.2382, 22.0595, 12.4535



16.0128, 16.5095, 10.2458



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.



54.3382, 47.4569, 6.2966



54.3377, 47.4554, 6.2959



65.5789, 86.8918, 13.3158



18.9778, 19.9237, 18.9898



28.5393, 25.0899, 3.3386



2.8825, 2.6503, 0.3596

Inverse Universe

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



21.8777, 14.8754, 96.3251



21.8769, 14.8738, 96.3256



18.7101, 7.5605, 95.0802



17.5394, 18.4504, 22.8868



11.5595, 8.0286, 50.3750



1.2247, 0.9801, 4.9379

Previews

White Background



This preview shows how the XYZ color 54.3372, 47.4544, 6.2957 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 54.3372, 47.4544, 6.2957 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 54.3372, 47.4544, 6.2957

Background



This preview shows how black text looks on a background with the XYZ color 54.3372, 47.4544, 6.2957.



This preview shows how white text looks on a background with the XYZ color 54.3372, 47.4544,

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

54.3372, 47.4544, 6.2957

Protanopia

42.9818, 47.5900, 7.4927

Deuteranopia

48.4148, 47.4279, 6.6028



Tritanopia

59.7529, 47.4193, 41.6008

Trichromacy



Original Color

54.3372, 47.4544, 6.2957

Protanomaly

46.3262, 46.9221, 6.9318

Deuteranomaly

50.3099, 47.2747, 6.4733

Tritanomaly

56.0167, 46.7336, 19.4327

Monochromacy



Original Color

54.3372, 47.4544, 6.2957

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.3054, 42.0366, 20.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3372, 47.4544, 6.2957 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, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 0)  
}
```

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, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 0) }
```

Border

The CSS property to change the border of an element to XYZ 54.3372, 47.4544, 6.2957 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, 163, 0) }
```


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

```
.border{ border-color:rgb(255, 163, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3372, 47.4544, 6.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 0) }
```

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

```
.background{ background-color: rgb(255,  
163, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor