

Converting Colors

XYZ(52.4403, 43.3774, 6.5366)

Have a look what the booklet for
XYZ(52.4403, 43.3774, 6.5366)
contains.

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Color

**XYZ(52.4821, 43.4634,
6.5429)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9719
RGB	255, 151, 25
RGB Percent	100%, 59%, 10%
CMY	0.0000, 0.4078, 0.9019
CMYK	0.00, 0.41, 0.90, 0.00
HSL	33°, 100%, 55%
HSV	33°, 90%, 100%
XYZ	52.4821, 43.4634, 6.5429
YIQ	167.7320, 102.4300, -17.1380

Conversions

Conversions Part 2

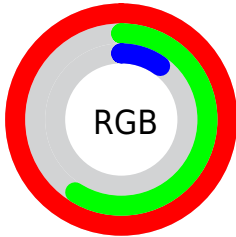
Format	Color
R_{YB}	215, 255, 25
Decimal	16750361
CIE _{Lab}	71.87, 31.46, 73.16
CIE _{LCh}	72, 79.636, 66.734
Yxy	43.4634, 0.5121, 0.4241
Android (android.graphics.Color)	4294940441 (0xFFFF9719)
YUV	167.7320, -70.3669, 76.5340
Hunter-Lab	65.9268, 26.7260, 40.2645

Details

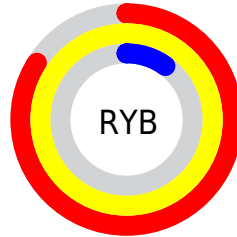
The XYZ color **52.4821, 43.4634, 6.5429** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **26.3011, 23.1270, 97.6848**, and the grayscale version is **37.3885, 39.3356, 42.8365**.

A 20% lighter version of the original color is **65.0316, 66.0907, 18.3461**, and **26.2001, 20.1301, 2.5046** is the 20% darker color. If you saturate the color by 10%, you get **50.5740, 39.9285, 5.0414**, and if you desaturate by 10%, it is **54.8416, 47.5249, 9.3581**.

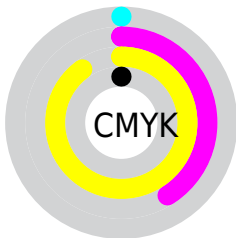
Distribution



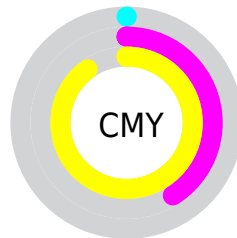
- Red (100%)
- Green (59%)
- Blue (10%)



- Red (84%)
- Yellow (100%)
- Blue (10%)



- Cyan (0%)
- Magenta (41%)
- Yellow (90%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4821, 43.4634, 6.5429 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 52.4821, 43.4634, 6.5429 by changing the saturation by 10% instead.


 52.4821, 43.4634,
6.5429


 52.4821, 43.4634,
6.5429


386.5884,
360.5140, 173.2938


 37.6153, 30.2489,
3.1038


 93.0119, 80.4097,
19.5445

 25.8601, 20.0276,
1.1479


 119.4056,
104.9102, 29.9442

 16.8512, 12.4151,
0.0000


 150.3723,
133.9416, 43.5011

 10.2231, 7.0270,
0.0000

 186.2773,
167.8881, 60.6338

 5.6105, 3.4790,
0.0000

 227.4861,
207.1342, 81.7610

 2.6481, 1.3866,
0.0000

 274.3640,

 0.9705, 0.2068,

252.0643, 107.3010

0.0000

327.2763,
303.0628, 137.6724

■ 0.0000, 0.0000,
0.0000

■ 52.4821, 43.4634,
6.5429

■ 52.4821, 43.4634,
6.5429

■ 50.5740, 39.9285,
5.0414

■ 54.8416, 47.5249,
9.3581

■ 57.6935, 52.0799,
13.8504

■ 61.0877, 57.1577,
20.2555

■ 65.0660, 62.7826,
28.7700

■ 69.6652, 68.9763,
39.5659

■ 74.9185, 75.7590,
52.7974

■ 80.8566, 83.1497,
68.6050

■ 87.5079, 91.1662,
87.1184

94.8991, 99.8256,
108.4584

Harmonies

Analogous

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



65.9110, 43.4634, 15.2509



52.4821, 43.4634, 6.5429



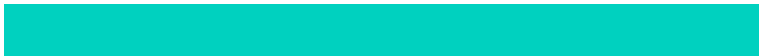
38.3296, 43.4634, 5.1675

Triad

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



52.4821, 43.4634, 6.5429



20.4597, 43.4634, 56.6263



58.9386, 43.4634, 135.8675

Complementary

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



52.4821, 43.4634, 6.5429



26.3011, 23.1270, 97.6848

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.



44.4424, 43.4634, 166.8613



52.4821, 43.4634, 6.5429



23.7484, 43.4634, 107.4649

Square

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



52.4821, 43.4634, 6.5429



21.6978, 43.4634, 23.5431



31.8489, 43.4634, 154.3236



70.1721, 43.4634, 83.3466

Rectangle

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



52.4821, 43.4634, 6.5429



30.6620, 43.4634, 7.0668



31.8489, 43.4634, 154.3236



54.1769, 43.4634, 150.1632

Sweetspot

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



52.4831, 43.4657, 6.5437



76.7394, 78.0526, 57.5591



45.7754, 23.6306, 24.0994



16.0093, 16.1821, 11.2324



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.



52.4831, 43.4657, 6.5437



50.5744, 39.9288, 5.0415



74.4105, 91.4244, 14.6449



18.8342, 19.6367, 18.9419



26.5775, 21.1663, 2.6847



2.6970, 2.2793, 0.2978

Inverse Universe

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



26.3011, 23.1270, 97.6848



24.2149, 19.5498, 97.1050



19.0145, 8.2335, 95.1941



17.6794, 18.7304, 22.9335



12.7973, 10.5042, 50.7876



1.3534, 1.2375, 4.9808

Previews

White Background



This preview shows how the XYZ color 52.4821, 43.4634, 6.5429 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 52.4821, 43.4634, 6.5429 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 52.4821, 43.4634, 6.5429

Background



This preview shows how black text looks on a background with the XYZ color 52.4821, 43.4634, 6.5429.



This preview shows how white text looks on a background with the XYZ color 52.4821, 43.4634,

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

52.4821, 43.4634, 6.5429

Protanopia

39.5360, 43.6907, 7.7159

Deuteranopia

44.2501, 43.3254, 6.0304



Tritanopia

56.9630, 43.5064, 35.5323

Trichromacy



Original Color

52.4821, 43.4634, 6.5429

Protanomaly

43.4378, 43.1540, 7.2025

Deuteranomaly

47.0551, 43.1716, 6.1113

Tritanomaly

54.2752, 43.1680, 19.1073

Monochromacy



Original Color

52.4821, 43.4634, 6.5429

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.8921, 39.3810, 22.0217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4821, 43.4634, 6.5429 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, 151, 25)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 25)  
}
```

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, 151, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 25) }
```

Border

The CSS property to change the border of an element to XYZ 52.4821, 43.4634, 6.5429 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, 151, 25) }
```


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

```
.border{ border-color:rgb(255, 151, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 25);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4821, 43.4634, 6.5429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 25) }
```

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

```
.background{ background-color: rgb(255,  
151, 25) }
```

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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