

Converting Colors

XYZ(52.9087, 43.6412, 8.7674)

Have a look what the booklet for
XYZ(52.9087, 43.6412, 8.7674)
contains.

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Color

**XYZ(52.9041, 43.6322,
8.7655)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9733
RGB	255, 151, 51
RGB Percent	100%, 59%, 20%
CMY	0.0000, 0.4078, 0.8000
CMYK	0.00, 0.41, 0.80, 0.00
HSL	29°, 100%, 60%
HSV	29°, 80%, 100%
XYZ	52.9041, 43.6322, 8.7655
YIQ	170.6960, 94.0840, -9.0520

Conversions

Conversions Part 2

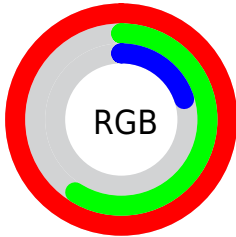
Format	Color
R_{YB}	255, 247, 51
Decimal	16750387
CIE _{Lab}	71.98, 32.06, 65.34
CIE _{LCh}	72, 72.778, 63.861
Yxy	43.6322, 0.5024, 0.4144
Android (android.graphics.Color)	4294940467 (0xFFFF9733)
YUV	170.6960, -59.0101, 73.9346
Hunter-Lab	66.0547, 27.3674, 38.3704

Details

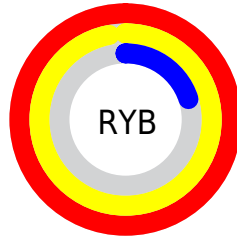
The XYZ color **52.9041, 43.6322, 8.7655** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **31.1358, 31.3649, 99.0199**, and the grayscale version is **38.8110, 40.8321, 44.4662**.

A 20% lighter version of the original color is **65.8611, 66.4225, 22.7142**, and **26.2001, 20.1301, 2.5046** is the 20% darker color. If you saturate the color by 10%, you get **50.5103, 39.5115, 5.9128**, and if you desaturate by 10%, it is **55.8384, 48.3420, 13.3176**.

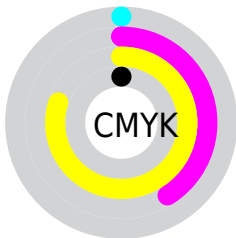
Distribution



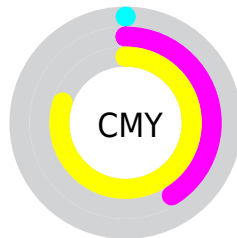
- Red (100%)
- Green (59%)
- Blue (20%)



- Red (100%)
- Yellow (97%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9041, 43.6322, 8.7655 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 52.9041, 43.6322, 8.7655 by changing the saturation by 10% instead.

52.9041, 43.6322,
8.7655

52.9041, 43.6322,
8.7655

388.1840,
361.2053, 191.7720

37.9534, 30.3815,
4.4938

93.6296, 80.6640,
24.0165

26.1236, 20.1283,
1.9000

120.1351,
105.2139, 35.8329

17.0493, 12.4883,
0.4927

151.2229,
134.2989, 51.0013

10.3651, 7.0772,
0.0000

187.2584,
168.3035, 69.9402

5.7058, 3.5104,
0.0000

228.6069,
207.6120, 93.0682

2.7060, 1.4037,
0.0000

275.6337,

1.0003, 0.2194,

252.6089, 120.8038

0.0000

328.7043,
303.6785, 153.5655

■ 0.0000, 0.0000,
0.0000

■ 52.9041, 43.6322,
8.7655

■ 52.9041, 43.6322,
8.7655

■ 50.5103, 39.5115,
5.9128

■ 55.8384, 48.3420,
13.3176

■ 48.5744, 35.9294,
4.3750

■ 59.3614, 53.6658,
19.8011

■ 48.5742, 35.9289,
4.3748

■ 63.5179, 59.6344,
28.4139

■ 68.3466, 66.2737,
39.3283

■ 73.8829, 73.6079,
52.6985

■ 80.1591, 81.6597,
68.6657

■ 87.2055, 90.4504,
87.3599

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



64.6250, 43.6322, 18.6857



52.9041, 43.6322, 8.7655



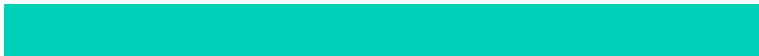
39.8841, 43.6322, 6.7308

Triad

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



52.9041, 43.6322, 8.7655



21.9193, 43.6322, 52.2628



56.2476, 43.6322, 129.9157

Complementary

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



52.9041, 43.6322, 8.7655



31.1358, 31.3649, 99.0199

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.



43.0997, 43.6322, 153.6010



52.9041, 43.6322, 8.7655



24.6363, 43.6322, 96.6999

Square

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



52.9041, 43.6322, 8.7655



23.5175, 43.6322, 23.3021



31.8167, 43.6322, 139.1293



66.8101, 43.6322, 84.4485

Rectangle

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



52.9041, 43.6322, 8.7655



32.5432, 43.6322, 8.3984



31.8167, 43.6322, 139.1293



51.8986, 43.6322, 141.4943

Sweetspot

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



52.9051, 43.6345, 8.7663



77.5576, 78.3509, 61.9568



48.4584, 26.0417, 34.1034



16.1264, 16.1607, 12.0598



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.



52.9051, 43.6345, 8.7663



49.3061, 37.3028, 4.8944



76.5219, 90.8681, 16.6386



18.7446, 19.4574, 18.9120



25.5298, 19.0708, 2.3355



2.5947, 2.0748, 0.2637

Inverse Universe

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



31.1358, 31.3649, 99.0199



26.8406, 24.6117, 97.9436



20.7533, 10.5999, 95.5591



17.7686, 18.9088, 22.9632



13.7520, 12.4136, 51.1058



1.4483, 1.4274, 5.0124

Previews

White Background



This preview shows how the XYZ color 52.9041, 43.6322, 8.7655 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 52.9041, 43.6322, 8.7655 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 52.9041, 43.6322, 8.7655

Background



This preview shows how black text looks on a background with the XYZ color 52.9041, 43.6322, 8.7655.



This preview shows how white text looks on a background with the XYZ color 52.9041, 43.6322,

8.7655.

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

52.9041, 43.6322, 8.7655

Protanopia

39.7746, 43.7555, 10.3523

Deuteranopia

44.5815, 43.7167, 8.4713



Tritanopia

57.0460, 43.5396, 35.9692

Trichromacy



Original Color

52.9041, 43.6322, 8.7655

Protanomaly

43.9056, 43.3412, 9.6660

Deuteranomaly

47.3651, 43.5383, 8.5966

Tritanomaly

54.8846, 43.4118, 22.3162

Monochromacy



Original Color

52.9041, 43.6322, 8.7655

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.4633, 40.6398, 25.7376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9041, 43.6322, 8.7655 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 51) }
```

Border

The CSS property to change the border of an element to XYZ 52.9041, 43.6322, 8.7655 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, 51) }
```


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

```
.border{ border-color:rgb(255, 151, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9041, 43.6322, 8.7655 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, 51) }
```

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

```
.background{ background-color: rgb(255,  
151, 51) }
```

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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