

Converting Colors

XYZ(52.1290, 43.2376, 8.5039)

Have a look what the booklet for
XYZ(52.1290, 43.2376, 8.5039)
contains.

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Color

**XYZ(52.1290, 43.2376,
8.5039)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9731
RGB	253, 151, 49
RGB Percent	99%, 59%, 19%
CMY	0.0078, 0.4078, 0.8078
CMYK	0.00, 0.40, 0.81, 0.01
HSL	30°, 98%, 59%
HSV	30°, 81%, 99%
XYZ	52.1290, 43.2376, 8.5039
YIQ	169.8700, 93.5340, -10.0980

Conversions

Conversions Part 2

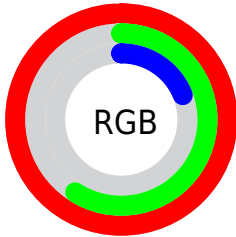
Format	Color
R _Y B	253, 253, 49
Decimal	16619313
CIE Lab	71.72, 31.19, 65.74
CIE LCh	72, 72.768, 64.619
Yxy	43.2376, 0.5019, 0.4163
Android (android.graphics.Color)	4294809393 (0xFFFD9731)
YUV	169.8700, -59.5889, 72.9050
Hunter-Lab	65.7553, 26.4381, 38.3609

Details

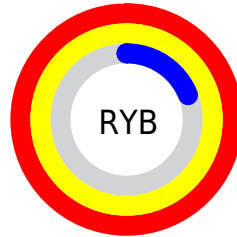
The XYZ color **52.1290, 43.2376, 8.5039** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **30.0621, 29.8765, 97.1101**, and the grayscale version is **38.3999, 40.3996, 43.9952**.

A 20% lighter version of the original color is **65.7595, 66.3819, 22.1791**, and **25.6970, 19.8708, 2.4811** is the 20% darker color. If you saturate the color by 10%, you get **49.8095, 39.2271, 5.7944**, and if you desaturate by 10%, it is **54.9681, 47.8092, 12.8632**.

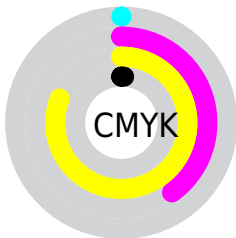
Distribution



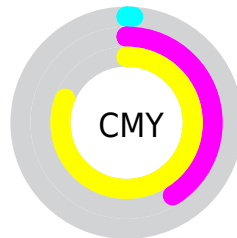
- Red (99%)
- Green (59%)
- Blue (19%)



- Red (99%)
- Yellow (99%)
- Blue (19%)



- Cyan (0%)
- Magenta (40%)
- Yellow (81%)
- Black (1%)





- Cyan (1%)
- Magenta (41%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1290, 43.2376, 8.5039 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 52.1290, 43.2376, 8.5039 by changing the saturation by 10% instead.


 52.1290, 43.2376,
8.5039


 52.1290, 43.2376,
8.5039


385.2502,
359.5880, 189.7124


 37.3326, 30.0716,
4.3267


 92.4946, 80.0693,
23.5028


 25.6400, 19.8929,
1.8062


 118.7944,
104.5037, 35.1615


 16.6858, 12.3172,
0.4320


 149.6595,
133.4631, 50.1512

 10.1046, 6.9601,
0.0000

 185.4551,
167.3319, 68.8904

 5.5312, 3.4372,
0.0000

 226.5466,
206.4943, 91.7975

 2.6001, 1.3640,
0.0000

 273.2994,

 0.9460, 0.1900,

251.3349, 119.2912

0.0000

326.0788,
302.2380, 151.7900

■ 0.0000, 0.0000,
0.0000

■ 52.1290, 43.2376,
8.5039

■ 52.1290, 43.2376,
8.5039

■ 49.8095, 39.2271,
5.7944

■ 54.9681, 47.8092,
12.8632

■ 48.0336, 35.9342,
4.4044

■ 58.3742, 52.9657,
19.1029

■ 62.3911, 58.7365,
27.4185

■ 67.0569, 65.1466,
37.9802

■ 72.4058, 72.2189,
50.9404

78.4696, 79.9752,
66.4378

85.2776, 88.4357,
84.6007

92.8574, 97.6201,
105.5484

94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



63.8795, 43.2376, 18.0629



52.1290, 43.2376, 8.5039



39.2146, 43.2376, 6.6350

Triad

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



52.1290, 43.2376, 8.5039



21.6917, 43.2376, 52.7659



56.1044, 43.2376, 128.0704

Complementary

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



52.1290, 43.2376, 8.5039



30.0621, 29.8765, 97.1101

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.



43.0367, 43.2376, 152.4937



52.1290, 43.2376, 8.5039



24.4983, 43.2376, 97.2011

Square

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



52.1290, 43.2376, 8.5039



23.1696, 43.2376, 23.5444



31.7412, 43.2376, 139.0340



66.4781, 43.2376, 82.6274

Rectangle

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



52.1290, 43.2376, 8.5039



31.9825, 43.2376, 8.3825



31.7412, 43.2376, 139.0340



51.7947, 43.2376, 139.8213

Sweetspot

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



52.1300, 43.2399, 8.5047



77.7189, 78.6736, 62.0105



47.1922, 25.3138, 31.6775



16.1650, 16.2379, 12.0727



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.



52.1300, 43.2399, 8.5047



49.4429, 37.5988, 4.8710



76.1872, 91.3543, 16.5238



18.7598, 19.4878, 18.9171



25.6980, 19.4073, 2.3916



2.6113, 2.1080, 0.2693

Inverse Universe

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



30.0621, 29.8765, 97.1101



26.3048, 23.5874, 97.7742



20.0947, 9.9418, 93.7877



17.7534, 18.8783, 22.9581



13.5797, 12.0690, 51.0484



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 52.1290, 43.2376, 8.5039 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 52.1290, 43.2376, 8.5039 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 52.1290, 43.2376, 8.5039

Background



This preview shows how black text looks on a background with the XYZ color 52.1290, 43.2376, 8.5039.



This preview shows how white text looks on a background with the XYZ color 52.1290, 43.2376,

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

52.1290, 43.2376, 8.5039

Protanopia

39.2651, 43.2065, 10.0116

Deuteranopia

44.3608, 43.3342, 8.2168



Tritanopia

56.8122, 43.2048, 35.4820

Trichromacy



Original Color

52.1290, 43.2376, 8.5039

Protanomaly

43.0766, 42.6462, 9.3293

Deuteranomaly

46.8228, 43.0028, 8.3152

Tritanomaly

54.2464, 42.8664, 21.6346

Monochromacy



Original Color

52.1290, 43.2376, 8.5039

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.6825, 39.9801, 25.3114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1290, 43.2376, 8.5039 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(253, 151, 49)` looks like.

```
.text, #text, p{  
    color:rgb(253, 151, 49)  
}
```

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(253, 151, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 151, 49) }
```

Border

The CSS property to change the border of an element to XYZ 52.1290, 43.2376, 8.5039 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(253, 151, 49) }
```


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

```
.border{ border-color:rgb(253, 151, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 151, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 151, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 151, 49);  
box-shadow:4px 4px 4px 4px rgb(253, 151,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1290, 43.2376, 8.5039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 151, 49) }
```

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

```
.background{ background-color: rgb(253,  
151, 49) }
```

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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