

Converting Colors

XYZ(52.5028, 43.0873, 13.1339)

Have a look what the booklet for
XYZ(52.5028, 43.0873, 13.1339)
contains.

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Color

**XYZ(52.4992, 43.0873,
13.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9650
RGB	252, 150, 80
RGB Percent	99%, 59%, 31%
CMY	0.0118, 0.4117, 0.6863
CMYK	0.00, 0.40, 0.68, 0.01
HSL	24°, 97%, 65%
HSV	24°, 68%, 99%
XYZ	52.4992, 43.0873, 13.1391
YIQ	172.5180, 83.2620, -0.1460

Conversions

Conversions Part 2

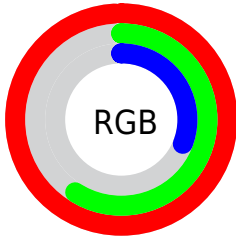
Format	Color
RYB	252, 198, 80
Decimal	16553552
CIELab	71.61, 32.60, 52.23
CIELCh	72, 61.564, 58.031
Yxy	43.0873, 0.4829, 0.3963
Android (android.graphics.Color)	4294743632 (0xFFFC9650)
YUV	172.5180, -45.6114, 69.7057
Hunter-Lab	65.6409, 27.8916, 34.0808

Details

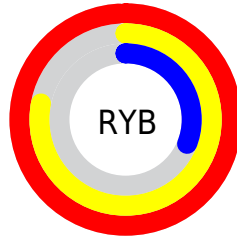
The XYZ color **52.4992, 43.0873, 13.1391** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **37.6058, 42.1874, 98.2559**, and the grayscale version is **39.6712, 41.7372, 45.4518**.

A 20% lighter version of the original color is **67.2362, 66.5886, 31.1389**, and **25.8247, 19.7712, 3.6175** is the 20% darker color. If you saturate the color by 10%, you get **49.5024, 38.3151, 8.3761**, and if you desaturate by 10%, it is **56.1511, 48.6118, 19.8427**.

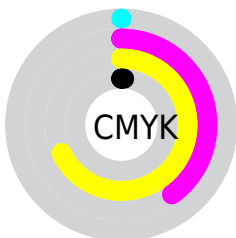
Distribution



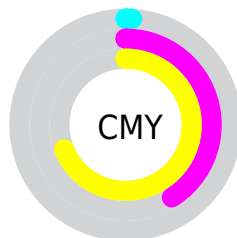
- Red (99%)
- Green (59%)
- Blue (31%)



- Red (99%)
- Yellow (78%)
- Blue (31%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (1%)





- Cyan (1%)
- Magenta (41%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4992, 43.0873, 13.1391 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 52.4992, 43.0873, 13.1391 by changing the saturation by 10% instead.


 52.4992, 43.0873,
13.1391


 52.4992, 43.0873,
13.1391


386.6532,
358.9707, 223.0463

 37.6290, 29.9536,
7.3925

 93.0369, 79.8426,
32.2483


 25.8708, 19.8034,
3.6266


 119.4351,
104.2330, 46.4480


 16.8592, 12.2522,
1.4228


 150.4068,
133.1444, 64.3026

 10.2288, 6.9157,
0.1594

 186.3171,
166.9612, 86.2305

 5.6144, 3.4094,
0.0000

 227.5316,
206.0679, 112.6502

 2.6505, 1.3490,
0.0000

274.4155,

 0.9717, 0.1787,

250.8487, 143.9804

0.0000

327.3343,
301.6882, 180.6396

■ 0.0000, 0.0000,
0.0000

■ 52.4992, 43.0873,
13.1391

■ 52.4992, 43.0873,
13.1391

■ 49.5024, 38.3151,
8.3761

■ 56.1511, 48.6118,
19.8427

■ 47.1049, 34.2490,
5.3299

■ 60.5008, 54.9175,
28.6722


■ 45.2384, 30.8443,
3.6956


■ 65.5903, 62.0393,
39.7939


■ 44.9519, 30.3099,
3.4812

■ 71.4572, 70.0081,
53.3563

■ 78.1359, 78.8526,
69.4956

 85.6590, 88.6003,
88.3377

 93.8303, 99.1867,
108.8073

 93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



61.2983, 43.0873, 24.7918



52.4992, 43.0873, 13.1391



41.6453, 43.0873, 9.7678

Triad

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



52.4992, 43.0873, 13.1391



24.0206, 43.0873, 44.9712



51.1050, 43.0873, 117.9448

Complementary

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



52.4992, 43.0873, 13.1391



37.6058, 42.1874, 98.2559

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.



40.2688, 43.0873, 130.7608



52.4992, 43.0873, 13.1391



25.6960, 43.0873, 79.3634

Square

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



52.4992, 43.0873, 13.1391



26.2038, 43.0873, 22.6266



31.2378, 43.0873, 114.3379



60.4021, 43.0873, 84.3096

Rectangle

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



52.4992, 43.0873, 13.1391



35.0614, 43.0873, 10.7784



31.2378, 43.0873, 114.3379



47.4706, 43.0873, 125.3260

Sweetspot

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



52.5002, 43.0895, 13.1399



78.9988, 79.3391, 68.2770



51.5816, 29.8602, 47.9542



16.4866, 16.4248, 13.5862



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.



52.5002, 43.0895, 13.1399



49.8483, 37.6908, 7.2222



71.2437, 80.5765, 19.3877



17.8247, 18.3852, 18.0716



23.5521, 16.0608, 1.8587



2.2825, 1.6898, 0.2059

Inverse Universe

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



37.6058, 42.1874, 98.2559



33.5270, 36.5081, 99.8874



25.1724, 17.3205, 94.1114



17.1388, 18.3544, 22.0247



14.9355, 15.2267, 50.1254



1.4874, 1.6185, 4.6772

Previews

White Background



This preview shows how the XYZ color 52.4992, 43.0873, 13.1391 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 52.4992, 43.0873, 13.1391 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 52.4992, 43.0873, 13.1391

Background



This preview shows how black text looks on a background with the XYZ color 52.4992, 43.0873, 13.1391.



This preview shows how white text looks on a background with the XYZ color 52.4992, 43.0873,

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

52.4992, 43.0873, 13.1391

Protanopia

39.5349, 43.2246, 15.4920

Deuteranopia

44.0367, 43.0647, 12.8288



Tritanopia

56.8122, 43.2048, 35.4820

Trichromacy



Original Color

52.4992, 43.0873, 13.1391

Protanomaly

43.4827, 42.7404, 14.5523

Deuteranomaly

46.7176, 42.8486, 12.8295

Tritanomaly

54.9178, 43.1350, 25.1701

Monochromacy



Original Color

52.4992, 43.0873, 13.1391

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.4725, 41.3309, 30.1652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4992, 43.0873, 13.1391 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(252, 150, 80)` looks like.

```
.text, #text, p{  
    color:rgb(252, 150, 80)  
}
```

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(252, 150, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 150, 80) }
```

Border

The CSS property to change the border of an element to XYZ 52.4992, 43.0873, 13.1391 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(252, 150, 80) }
```


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

```
.border{ border-color:rgb(252, 150, 80) }
```

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

Here you see how a box with a 4 pixel rgb(252, 150, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 150, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 150, 80);  
box-shadow:4px 4px 4px 4px rgb(252, 150,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4992, 43.0873, 13.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 150, 80) }
```

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

```
.background{ background-color: rgb(252,  
150, 80) }
```

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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