

Converting Colors

XYZ(53.0109, 43.9195, 8.5745)

Have a look what the booklet for
XYZ(53.0109, 43.9195, 8.5745)
contains.

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Color

**XYZ(53.0226, 43.9382,
8.5921)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF9831 |
| RGB | 255, 152, 49 |
| RGB Percent | 100%, 60%, 19% |
| CMY | 0.0000, 0.4039, 0.8078 |
| CMYK | 0.00, 0.40, 0.81, 0.00 |
| HSL | 30°, 100%, 60% |
| HSV | 30°, 81%, 100% |
| XYZ | 53.0226, 43.9382, 8.5921 |
| YIQ | 171.0550, 94.4510, -10.1970 |

Conversions

Conversions Part 2

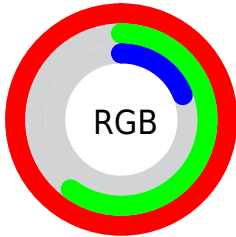
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 255, 49 |
| Decimal | 16750641 |
| CIE Lab | 72.19, 31.48, 66.26 |
| CIE LCh | 72, 73.362, 64.585 |
| Yxy | 43.9382, 0.5023, 0.4163 |
| Android (android.graphics.Color) | 4294940721 (0xFFFF9831) |
| YUV | 171.0550, -60.1731, 73.6198 |
| Hunter-Lab | 66.2859, 26.7832, 38.7148 |

Details

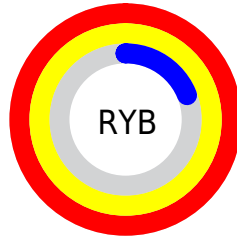
The XYZ color **53.0226, 43.9382, 8.5921** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **30.5442, 30.3281, 98.8511**, and the grayscale version is **38.9973, 41.0282, 44.6797**.

A 20% lighter version of the original color is **66.0010, 66.8649, 22.2596**, and **26.2954, 20.3208, 2.5364** is the 20% darker color. If you saturate the color by 10%, you get **50.6695, 39.8638, 5.8613**, and if you desaturate by 10%, it is **55.9040, 48.5836, 12.9991**.

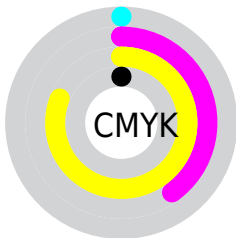
Distribution



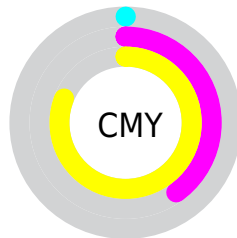
- Red (100%)
- Green (60%)
- Blue (19%)



- Red (100%)
- Yellow (100%)
- Blue (19%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0226, 43.9382, 8.5921 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 53.0226, 43.9382, 8.5921 by changing the saturation by 10% instead.


 53.0226, 43.9382,
8.5921

 53.0226, 43.9382,
8.5921


388.6313,
362.4560, 190.4098


 38.0484, 30.6219,
4.3829


 93.8030, 81.1247,
23.6763

 26.1976, 20.3111,
1.8377


 120.3398,
105.7638, 35.3885


 17.1050, 12.6214,
0.4526


 151.4615,
134.9459, 50.4387

 10.4051, 7.1684,
0.0000

 187.5335,
169.0555, 69.2455

 5.7327, 3.5676,
0.0000

 228.9211,
208.4769, 92.2275

 2.7224, 1.4348,
0.0000

 275.9897,

 1.0087, 0.2421,

253.5945, 119.8032

0.0000

329.1047,
304.7927, 152.3911

■ 0.0000, 0.0000,
0.0000

■ 53.0226, 43.9382,
8.5921

■ 53.0226, 43.9382,
8.5921

■ 50.6695, 39.8638,
5.8613

■ 55.9040, 48.5836,
12.9991

■ 48.8947, 36.5698,
4.4817

■ 59.3624, 53.8245,
19.3180

■ 63.4424, 59.6909,
27.7489

■ 68.1829, 66.2083,
38.4656

■ 73.6189, 73.4000,
51.6235

79.7827, 81.2881,
67.3645

86.7044, 89.8936,
85.8193

94.4120, 99.2363,
107.1098

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



64.9996, 43.9382, 18.3160



53.0226, 43.9382, 8.5921



39.8587, 43.9382, 6.6900

Triad

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



53.0226, 43.9382, 8.5921



21.9989, 43.9382, 53.5931



57.0457, 43.9382, 130.4992

Complementary

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



53.0226, 43.9382, 8.5921



30.5442, 30.3281, 98.8511

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.



43.7248, 43.9382, 155.3907



53.0226, 43.9382, 8.5921



24.8505, 43.9382, 98.8976

Square

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



53.0226, 43.9382, 8.5921



23.5080, 43.9382, 23.8507



32.2204, 43.9382, 141.6071



67.6302, 43.9382, 84.1403

Rectangle

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



53.0226, 43.9382, 8.5921



32.4882, 43.9382, 8.4578



32.2204, 43.9382, 141.6071



52.6512, 43.9382, 142.4830

Sweetspot

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



53.0236, 43.9405, 8.5929



77.7189, 78.6736, 62.0105



48.0058, 25.7238, 32.1415



16.1650, 16.2378, 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.



53.0236, 43.9405, 8.5929



49.4429, 37.5987, 4.8710



77.5539, 93.0011, 16.7697



18.7598, 19.4878, 18.9171



25.6980, 19.4073, 2.3915



2.6113, 2.1080, 0.2693

Inverse Universe

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



30.5442, 30.3281, 98.8511



26.3048, 23.5875, 97.7742



20.4152, 10.0700, 95.4747



17.7534, 18.8783, 22.9581



13.5798, 12.0691, 51.0484



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 53.0226, 43.9382, 8.5921 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 53.0226, 43.9382, 8.5921 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 53.0226, 43.9382, 8.5921

Background



This preview shows how black text looks on a background with the XYZ color 53.0226, 43.9382, 8.5921.



This preview shows how white text looks on a background with the XYZ color 53.0226, 43.9382,

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

53.0226, 43.9382, 8.5921

Protanopia

40.1874, 44.2684, 10.1679

Deuteranopia

44.8520, 43.8604, 8.2924



Tritanopia

57.2818, 43.8774, 36.4604

Trichromacy



Original Color

53.0226, 43.9382, 8.5921

Protanomaly

44.0440, 43.6930, 9.4804

Deuteranomaly

47.6549, 43.6923, 8.4044

Tritanomaly

54.9823, 43.7008, 22.0602

Monochromacy



Original Color

53.0226, 43.9382, 8.5921

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 53.0226, 43.9382, 8.5921 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, 152, 49)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 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(255, 152, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 49) }
```

Border

The CSS property to change the border of an element to XYZ 53.0226, 43.9382, 8.5921 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, 152, 49) }
```


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

```
.border{ border-color:rgb(255, 152, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 49);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0226, 43.9382, 8.5921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 49) }
```

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

```
.background{ background-color: rgb(255,  
152, 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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