

Converting Colors

XYZ(53.4605, 49.9923, 8.5009)

Have a look what the booklet for
XYZ(53.4605, 49.9923, 8.5009)
contains.

| | |
|--|----|
| XYZ(53.4605, 49.9923, 8.5009) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(53.4605, 49.9923,
8.5009)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F6AE24 |
| RGB | 246, 174, 36 |
| RGB Percent | 96%, 68%, 14% |
| CMY | 0.0353, 0.3176, 0.8588 |
| CMYK | 0.00, 0.29, 0.85, 0.04 |
| HSL | 39°, 92%, 55% |
| HSV | 39°, 85%, 96% |
| XYZ | 53.4605, 49.9923, 8.5009 |
| YIQ | 179.7960, 87.2100, -27.6540 |

Conversions

Conversions Part 2

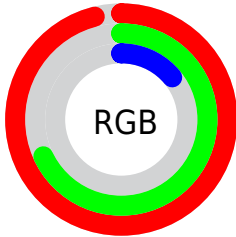
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 146, 246, 36 |
| Decimal | 16166436 |
| CIE Lab | 76.06, 15.90, 73.25 |
| CIE LCh | 76, 74.958, 77.752 |
| Yxy | 49.9923, 0.4775, 0.4465 |
| Android (android.graphics.Color) | 4294356516 (0xFFFF6AE24) |
| YUV | 179.7960, -70.8914, 58.0609 |
| Hunter-Lab | 70.7052, 11.2304, 42.3652 |

Details

The XYZ color **53.4605, 49.9923, 8.5009** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **22.7247, 17.7539, 89.4171**, and the grayscale version is **43.6100, 45.8811, 49.9645**.

A 20% lighter version of the original color is **71.3706, 78.1432, 22.3878**, and **26.7267, 24.1094, 3.2449** is the 20% darker color. If you saturate the color by 10%, you get **51.6273, 46.7353, 6.6289**, and if you desaturate by 10%, it is **55.6558, 53.5620, 11.7647**.

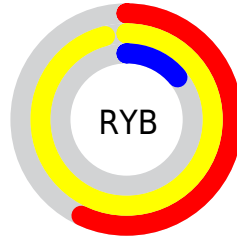
Distribution



Red (96%)

Green (68%)

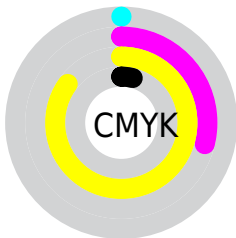
Blue (14%)



Red (57%)

Yellow (96%)

Blue (14%)

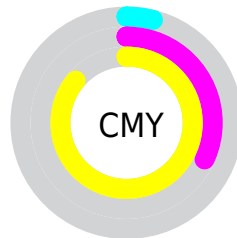


Cyan (0%)

Magenta (29%)

Yellow (85%)

Black (4%)



Cyan (4%)


Magenta (32%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4605, 49.9923, 8.5009 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 53.4605, 49.9923, 8.5009 by changing the saturation by 10% instead.


 53.4605, 49.9923,
8.5009


 53.4605, 49.9923,
8.5009


390.2814,
386.6358, 189.6886

 38.3995, 35.4073,
4.3248


 94.4432, 90.1635,
23.4969

 26.4715, 23.9768,
1.8051


 121.0956,
116.5184, 35.1538

 17.3112, 15.3164,
0.4313


 152.3424,
147.5654, 50.1414

 10.5533, 9.0417,
0.0000

 188.5491,
183.6890, 68.8783

 5.8324, 4.7684,
0.0000

 230.0810,
225.2734, 91.7829

 2.7831, 2.1120,
0.0000

 277.3034,

 1.0401, 0.6714,

272.7030, 119.2737

0.0000

330.5818,
326.3624, 151.7695

■ 0.0000, 0.0000,
0.0000

■ 53.4605, 49.9923,
8.5009

■ 53.4605, 49.9923,
8.5009

■ 51.6273, 46.7353,
6.6289

■ 55.6558, 53.5620,
11.7647


■ 50.8667, 45.3146,
6.0656


■ 58.2570, 57.4586,
16.6576


■ 61.3040, 61.7029,
23.3755


■ 64.8301, 66.3110,
32.0856

■ 68.8650, 71.2976,
42.9360

 73.4358, 76.6760,
56.0608

 78.5672, 82.4587,
71.5828

 84.2824, 88.6576,
89.6161

 90.2133, 95.1278,
108.2145

Harmonies

Analogous

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



68.0164, 49.9923, 14.9788



53.4605, 49.9923, 8.5009



39.7703, 49.9923, 9.0689

Triad

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



53.4605, 49.9923, 8.5009



26.2086, 49.9923, 81.4927



70.3650, 49.9923, 124.4848

Complementary

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



53.4605, 49.9923, 8.5009



22.7247, 17.7539, 89.4171

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.



56.2077, 49.9923, 165.8590



53.4605, 49.9923, 8.5009



31.6143, 49.9923, 133.7960

Square

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



53.4605, 49.9923, 8.5009



25.7612, 49.9923, 39.6576



42.0297, 49.9923, 169.9195



78.9857, 49.9923, 72.4866

Rectangle

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



53.4605, 49.9923, 8.5009



32.8638, 49.9923, 13.3930



42.0297, 49.9923, 169.9195



65.9816, 49.9923, 141.0049

Sweetspot

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



53.4616, 49.9948, 8.5018



79.3255, 82.7866, 59.7721



41.4243, 21.9698, 16.6680



16.5991, 17.2779, 11.6872



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.



53.4616, 49.9948, 8.5018



55.1648, 49.1096, 6.5716



61.1518, 80.4099, 13.9672



17.4084, 18.3010, 17.4125



27.2865, 24.4586, 3.2828



2.4936, 2.3403, 0.3203

Inverse Universe

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



22.7247, 17.7539, 89.4171



21.4925, 14.1050, 96.1975



19.6150, 9.1272, 87.9159



16.0456, 16.8555, 20.9503



10.7021, 7.1979, 47.3633



1.0324, 0.8162, 4.1934

Previews

White Background



This preview shows how the XYZ color 53.4605, 49.9923, 8.5009 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 53.4605, 49.9923, 8.5009 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 53.4605, 49.9923, 8.5009

Background



This preview shows how black text looks on a background with the XYZ color 53.4605, 49.9923, 8.5009.



This preview shows how white text looks on a background with the XYZ color 53.4605, 49.9923,

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

53.4605, 49.9923, 8.5009

Protanopia

45.2302, 49.9685, 9.2685

Deuteranopia

51.1200, 49.9551, 8.3868



Tritanopia

61.4334, 49.9675, 46.4512

Trichromacy



Original Color

53.4605, 49.9923, 8.5009

Protanomaly

48.0402, 49.8607, 9.0116

Deuteranomaly

51.9461, 50.0850, 8.4429

Tritanomaly

57.0580, 49.2369, 25.5652

Monochromacy



Original Color

53.4605, 49.9923, 8.5009

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.7185, 46.2367, 26.9897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4605, 49.9923, 8.5009 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(246, 174, 36)` looks like.

```
.text, #text, p{  
    color:rgb(246, 174, 36)  
}
```

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(246, 174, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 174, 36) }
```

Border

The CSS property to change the border of an element to XYZ 53.4605, 49.9923, 8.5009 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(246, 174, 36) }
```


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

```
.border{ border-color:rgb(246, 174, 36) }
```

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

Here you see how a box with a 4 pixel rgb(246, 174, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 174, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 174, 36);  
box-shadow:4px 4px 4px 4px rgb(246, 174,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4605, 49.9923, 8.5009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 174, 36) }
```

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

```
.background{ background-color: rgb(246,  
174, 36) }
```

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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