

Converting Colors

XYZ(53.4517, 49.2641, 16.6952)

Have a look what the booklet for
XYZ(53.4517, 49.2641, 16.6952)
contains.

XYZ(53.2588, 49.1376, 16.5750)	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(53.2588, 49.1376,
16.5750)**

Conversions

Conversions Part 1	
Format	Color
Hex	F2AC5B
RGB	242, 172, 91
RGB Percent	95%, 67%, 36%
CMY	0.0510, 0.3255, 0.6431
CMYK	0.00, 0.29, 0.62, 0.05
HSL	32°, 85%, 65%
HSV	32°, 62%, 95%
XYZ	53.2588, 49.1376, 16.5750
YIQ	183.6960, 67.7210, -10.3510

Conversions

Conversions Part 2

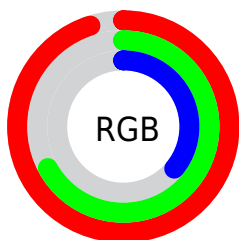
Format	Color
RYB	221, 242, 91
Decimal	15903835
CIELab	75.54, 17.66, 51.03
CIELCh	76, 54.001, 70.915
Yxy	49.1376, 0.4477, 0.4130
Android (android.graphics.Color)	4294093915 (0xFFFF2AC5B)
YUV	183.6960, -45.6991, 51.1326
Hunter-Lab	70.0982, 12.9478, 35.0494

Details

The XYZ color **53.2588, 49.1376, 16.5750** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **33.0856, 34.1231, 88.8466**, and the grayscale version is **45.6113, 47.9866, 52.2574**.

A 20% lighter version of the original color is **73.6670, 78.1813, 37.1944**, and **26.3909, 23.5312, 5.1585** is the 20% darker color. If you saturate the color by 10%, you get **50.3330, 44.6960, 11.2535**, and if you desaturate by 10%, it is **56.7037, 54.0791, 23.7305**.

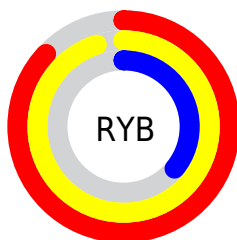
Distribution



Red (95%)

Green (67%)

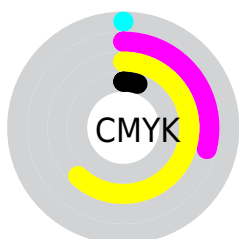
Blue (36%)



Red (87%)

Yellow (95%)

Blue (36%)

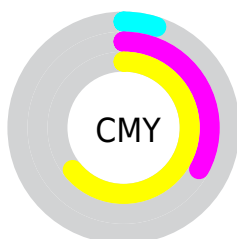


Cyan (0%)

Magenta (29%)

Yellow (62%)

Black (5%)



Cyan (5%)


Magenta (33%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2588, 49.1376, 16.5750 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 53.2588, 49.1376, 16.5750 by changing the saturation by 10% instead.


 53.2588, 49.1376,
16.5750

 53.2588, 49.1376,
16.5750


389.5219,
383.2838, 244.6717


 38.2377, 34.7286,
9.7732

 94.1484, 88.8958,
38.3742

 26.3453, 23.4539,
5.1452


 120.7476,
115.0138, 54.2086

 17.2162, 14.9290,
2.2725


 151.9368,
145.8036, 73.8911

 10.4850, 8.7696,
0.7157

 188.0815,
181.6497, 97.8400

 5.7864, 4.5912,
0.0000

229.5471,
222.9363, 126.4740

 2.7551, 2.0095,
0.0000


276.6987,


 1.0256, 0.6130,


270.0479, 160.2116


0.0000


329.9019,
323.3690, 199.4713


 0.0000, 0.0000,
0.0000

 53.2588, 49.1376,
16.5750


 53.2588, 49.1376,
16.5750


 50.3330, 44.6960,
11.2535


 56.7037, 54.0791,
23.7305


 47.8846, 40.7248,
7.5843


 60.6977, 59.5335,
32.8725


 45.8696, 37.2008,
5.3526


 65.2721, 65.5219,
44.1407


 44.5769, 34.7955,
4.3667

 70.4547, 72.0617,
57.6612

 76.2711, 79.1696,
73.5501

 82.7454, 86.8610,
91.9156

 89.0182, 94.7981,
108.2138

 90.4278, 97.6171,
108.6837

Harmonies

Analogous

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



62.7456, 49.1376, 24.9919



53.2588, 49.1376, 16.5750



43.1661, 49.1376, 15.6649

Triad

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



53.2588, 49.1376, 16.5750



30.2914, 49.1376, 64.5898



60.4226, 49.1376, 106.6607

Complementary

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



53.2588, 49.1376, 16.5750



33.0856, 34.1231, 88.8466

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.



50.4298, 49.1376, 127.5758



53.2588, 49.1376, 16.5750



33.6596, 49.1376, 98.1341

Square

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



53.2588, 49.1376, 16.5750



30.8244, 49.1376, 37.4792



40.7100, 49.1376, 123.9952



67.2713, 49.1376, 73.5438

Rectangle

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



53.2588, 49.1376, 16.5750



37.5282, 49.1376, 18.8630



40.7100, 49.1376, 123.9952



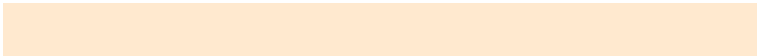
57.2650, 49.1376, 115.8050

Sweetspot

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



53.2600, 49.1400, 16.5759



81.4568, 83.7616, 70.6178



46.8334, 28.9495, 37.0543



17.0467, 17.4493, 14.0682



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.



53.2600, 49.1400, 16.5759



55.8579, 49.0266, 11.3323



68.5542, 82.2580, 22.1623



16.4751, 17.1634, 16.5942



24.0856, 18.9692, 2.3920



2.1032, 1.7770, 0.2322

Inverse Universe

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



33.0856, 34.1231, 88.8466



31.4417, 30.8887, 98.9127



24.5958, 16.3821, 85.8697



15.5012, 16.4364, 20.0772



11.8667, 9.9576, 46.4244



1.0858, 1.0255, 3.8949

Previews

White Background



This preview shows how the XYZ color 53.2588, 49.1376, 16.5750 looks on a white background.

Color Contrast Check

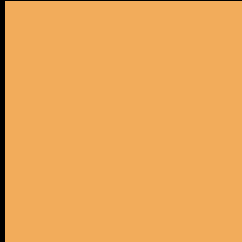
Large Text (above 18pt) WCAG AA × Fail

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 53.2588, 49.1376, 16.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

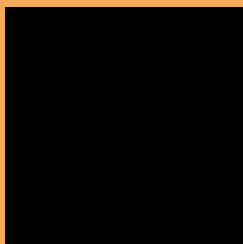
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2588, 49.1376, 16.5750

Background



This preview shows how black text looks on a background with the XYZ color 53.2588, 49.1376, 16.5750.



This preview shows how white text looks on a background with the XYZ color 53.2588, 49.1376,

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

53.2588, 49.1376, 16.5750

Protanopia

45.3352, 49.5070, 18.2327

Deuteranopia

50.3990, 49.4020, 16.5521



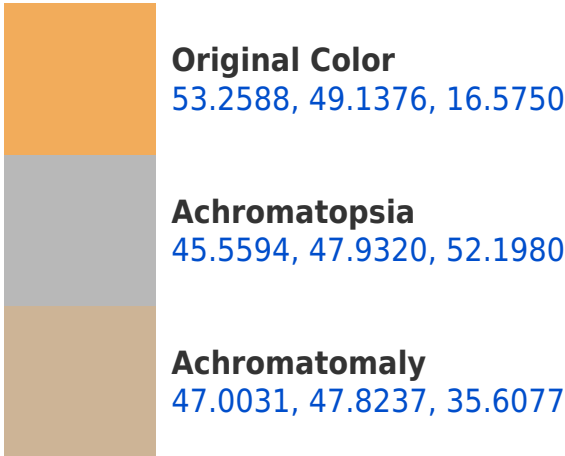
Tritanopia

59.5465, 49.2460, 46.9244

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2588, 49.1376, 16.5750 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(242, 172, 91)` looks like.

```
.text, #text, p{  
    color:rgb(242, 172, 91)  
}
```


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(242, 172, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 172, 91) }
```

Border

The CSS property to change the border of an element to XYZ 53.2588, 49.1376, 16.5750 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(242, 172, 91) }
```


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

```
.border{ border-color:rgb(242, 172, 91) }
```

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

Here you see how a box with a 4 pixel rgb(242, 172, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 172, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 172, 91);  
box-shadow:4px 4px 4px 4px rgb(242, 172,  
91) }
```


Background

The CSS property to change the background color of an element to XYZ 53.2588, 49.1376, 16.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 172, 91) }
```

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

```
.background{ background-color: rgb(242,  
172, 91) }
```

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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