

Converting Colors

XYZ(52.5182, 46.7039, 23.7575)

Have a look what the booklet for
XYZ(52.5182, 46.7039, 23.7575)
contains.

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Color

**XYZ(52.3815, 46.5929,
23.6853)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA577
RGB	239, 165, 119
RGB Percent	94%, 65%, 47%
CMY	0.0627, 0.3529, 0.5333
CMYK	0.00, 0.31, 0.50, 0.06
HSL	23°, 79%, 70%
HSV	23°, 50%, 94%
XYZ	52.3815, 46.5929, 23.6853
YIQ	181.8820, 58.8700, 1.3820

Conversions

Conversions Part 2

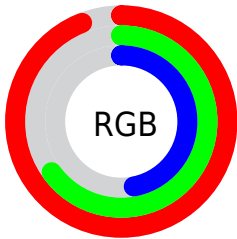
Format	Color
R _Y B	239, 194, 119
Decimal	15705463
CIE Lab	73.93, 22.31, 34.77
CIE LCh	74, 41.311, 57.308
Yxy	46.5929, 0.4270, 0.3799
Android (android.graphics.Color)	4293895543 (0xFFEFA577)
YUV	181.8820, -31.0008, 50.0925
Hunter-Lab	68.2590, 17.5265, 27.2082

Details

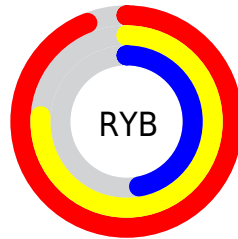
The XYZ color **52.3815, 46.5929, 23.6853** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.2567, 48.2917, 88.7551**, and the grayscale version is **44.5412, 46.8608, 51.0314**.

A 20% lighter version of the original color is **74.2796, 75.4250, 49.6732**, and **25.8330, 21.9557, 8.6707** is the 20% darker color. If you saturate the color by 10%, you get **48.6160, 41.0775, 16.2171**, and if you desaturate by 10%, it is **56.8165, 52.8699, 33.1579**.

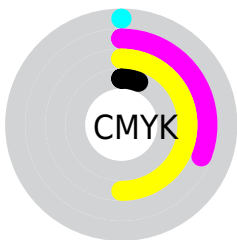
Distribution



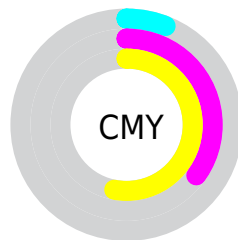
- Red (94%)
- Green (65%)
- Blue (47%)



- Red (94%)
- Yellow (76%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3815, 46.5929, 23.6853 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 52.3815, 46.5929, 23.6853 by changing the saturation by 10% instead.


 52.3815, 46.5929,
23.6853


 52.3815, 46.5929,
23.6853


386.2075,
373.1872, 284.4607

 37.5347, 32.7139,
14.8903


 92.8645, 85.1056,
50.4535

 25.7974, 21.9074,
8.5967


 119.2315,
110.5082, 69.2639

 16.8040, 13.7889,
4.3859


 150.1693,
140.5207, 92.2497

 10.1893, 7.9740,
1.8393

186.0432,
175.5277, 119.8296

 5.5879, 4.0783,
0.4537

227.2186,
215.9134, 152.4221

 2.6344, 1.7175,
0.0000

274.0609,

 0.9635, 0.4349,

262.0623, 190.4458

0.0000

326.9354,
314.3588, 234.3191

■ 0.0000, 0.0000,
0.0000

■ 52.3815, 46.5929,
23.6853

■ 52.3815, 46.5929,
23.6853

■ 48.6160, 41.0775,
16.2171

■ 56.8165, 52.8699,
33.1579

■ 45.4787, 36.2850,
10.6020

■ 61.9522, 59.9313,
44.7658

■ 42.9281, 32.1833,
6.6708

■ 67.8216, 67.8071,
58.6317

■ 40.9152, 28.7341,
4.2217

■ 74.4547, 76.5237,
74.8682

■ 39.3914, 25.9406,
2.9309

■ 81.8794, 86.1063,
93.5804

■ 88.9075, 96.0928,
108.4696

■ 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



58.0953, 46.5929, 34.3096



52.3815, 46.5929, 23.6853



44.9535, 46.5929, 20.0499

Triad

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



52.3815, 46.5929, 23.6853



31.5939, 46.5929, 48.8509



51.1037, 46.5929, 95.9665

Complementary

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



52.3815, 46.5929, 23.6853



42.2567, 48.2917, 88.7551

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.



43.6234, 46.5929, 102.9743



52.3815, 46.5929, 23.6853



32.8578, 46.5929, 71.7018

Square

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



52.3815, 46.5929, 23.6853



33.4059, 46.5929, 31.8302



37.0693, 46.5929, 93.0827



57.3020, 46.5929, 75.9373

Rectangle

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



52.3815, 46.5929, 23.6853



40.2049, 46.5929, 21.0302



37.0693, 46.5929, 93.0827



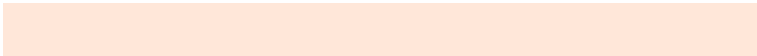
48.6325, 46.5929, 100.1291

Sweetspot

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



52.3826, 46.5952, 23.6862



82.4239, 83.6408, 77.2754



51.8192, 35.3950, 54.5531



17.2979, 17.4494, 15.7000



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.



52.3826, 46.5952, 23.6862



56.3233, 47.5894, 18.7875



65.8515, 73.5329, 28.1758



16.2696, 16.7523, 16.5257



21.8860, 14.5701, 1.6588



1.9141, 1.3988, 0.1691

Inverse Universe

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



42.2567, 48.2917, 88.7551



43.3469, 49.6795, 101.9122



31.5756, 26.9295, 85.1947



15.7089, 16.8519, 20.1464



14.5386, 15.3014, 47.3151



1.3054, 1.4647, 3.9681

Previews

White Background



This preview shows how the XYZ color 52.3815, 46.5929, 23.6853 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 52.3815, 46.5929, 23.6853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

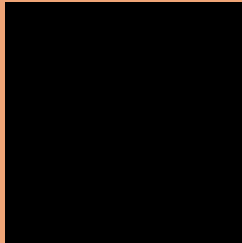
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3815, 46.5929, 23.6853

Background



This preview shows how black text looks on a background with the XYZ color 52.3815, 46.5929, 23.6853.



This preview shows how white text looks on a background with the XYZ color 52.3815, 46.5929,

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

52.3815, 46.5929, 23.6853

Protanopia

43.5198, 46.8326, 26.4845

Deuteranopia

47.5604, 46.6165, 23.3208



Tritanopia

56.4447, 46.4107, 44.0134

Trichromacy



Original Color

52.3815, 46.5929, 23.6853

Protanomaly

46.2519, 46.4778, 25.2723

Deuteranomaly

49.1970, 46.6026, 23.5418

Tritanomaly

54.9487, 46.6013, 35.3770

Monochromacy



Original Color

52.3815, 46.5929, 23.6853

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.4119, 46.2504, 39.2819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3815, 46.5929, 23.6853 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(239, 165, 119)` looks like.

```
.text, #text, p{  
    color:rgb(239, 165, 119)  
}
```

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(239, 165, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 165, 119) }
```

Border

The CSS property to change the border of an element to XYZ 52.3815, 46.5929, 23.6853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

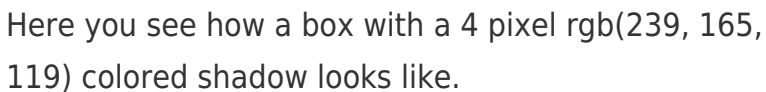
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 165, 119) }
```


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

```
.border{ border-color:rgb(239, 165, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 165, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 165, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 165, 119);  
box-shadow:4px 4px 4px 4px rgb(239, 165,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3815, 46.5929, 23.6853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 165, 119) }
```

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

```
.background{ background-color: rgb(239,  
165, 119) }
```

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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