

Converting Colors

XYZ(56.6596, 51.8277, 29.9235)

Have a look what the booklet for
XYZ(56.6596, 51.8277, 29.9235)
contains.

XYZ(56.5165, 51.6772, 29.9176)	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(56.5165, 51.6772,
29.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B087
RGB	242, 176, 135
RGB Percent	95%, 69%, 53%
CMY	0.0510, 0.3098, 0.4706
CMYK	0.00, 0.27, 0.44, 0.05
HSL	23°, 80%, 74%
HSV	23°, 44%, 95%
XYZ	56.5165, 51.6772, 29.9176
YIQ	191.0600, 52.4970, 1.2410

Conversions

Conversions Part 2

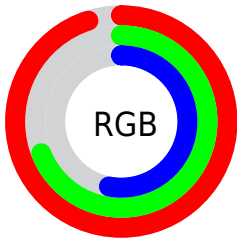
Format	Color
R _Y B	242, 201, 135
Decimal	15904903
CIE Lab	77.09, 19.21, 30.47
CIE LCh	77, 36.024, 57.770
Yxy	51.6772, 0.4092, 0.3742
Android (android.graphics.Color)	4294094983 (0xFFFF2B087)
YUV	191.0600, -27.6376, 44.6744
Hunter-Lab	71.8869, 14.5324, 25.6457

Details

The XYZ color **56.5165, 51.6772, 29.9176** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.9044, 53.3329, 91.8265**, and the grayscale version is **49.6912, 52.2790, 56.9318**.

A 20% lighter version of the original color is **79.2819, 82.6473, 59.9180**, and **28.4898, 25.0121, 11.9206** is the 20% darker color. If you saturate the color by 10%, you get **52.2352, 45.5384, 21.0184**, and if you desaturate by 10%, it is **61.5095, 58.6195, 40.9655**.

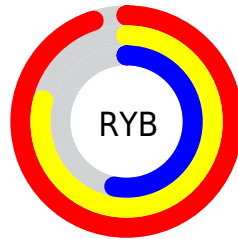
Distribution



Red (95%)

Green (69%)

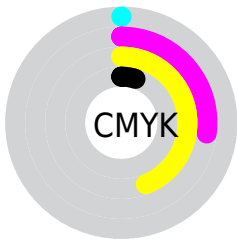
Blue (53%)



Red (95%)

Yellow (79%)

Blue (53%)

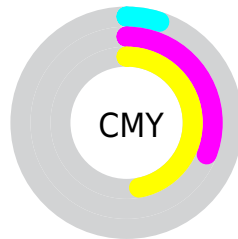


Cyan (0%)

Magenta (27%)

Yellow (44%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5165, 51.6772, 29.9176 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 56.5165, 51.6772, 29.9176 by changing the saturation by 10% instead.


 56.5165, 51.6772,
29.9176

 56.5165, 51.6772,
29.9176


401.6786,
393.1892, 315.7155


 40.8558, 36.7478,
19.5245

 98.8948, 92.6550,
60.5913

 28.3936, 25.0123,
11.8693


 126.3431,
119.4722, 81.7090

 18.7645, 16.0862,
6.5333


 158.4513,
151.0209, 107.2387

 11.6033, 9.5852,
3.0980

195.5848,
187.6853, 137.5989

 6.5444, 5.1248,
1.1449

238.1089,
229.8500, 173.2081

 3.2226, 2.3207,
0.0000

286.3890,

 1.2726, 0.7846,

277.8993, 214.4850

0.0000

340.7905,
332.2175, 261.8479

■ 0.1625, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5165, 51.6772,
29.9176

■ 56.5165, 51.6772,
29.9176

■ 52.2352, 45.5384,
21.0184

■ 61.5095, 58.6195,
40.9655

■ 48.6247, 40.1643,
14.1214

■ 67.2442, 66.3872,
54.2891

■ 45.6455, 35.5236,
9.0664

■ 73.7536, 75.0106,
70.0091

■ 43.2514, 31.5792,
5.6666

■ 81.0672, 84.5161,
88.2368

■ 41.3876, 28.2897,
3.6946

■ 89.0514, 94.8642,
108.2249

■ 40.5096, 26.6606,
3.0109

■ 90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



61.7781, 51.6772, 40.3965



56.5165, 51.6772, 29.9176



49.6343, 51.6772, 26.2644

Triad

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



56.5165, 51.6772, 29.9176



37.0486, 51.6772, 54.8060



55.5430, 51.6772, 96.8913

Complementary

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



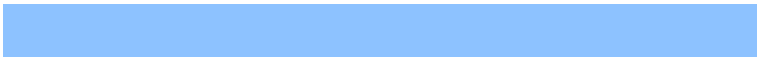
56.5165, 51.6772, 29.9176



46.9044, 53.3329, 91.8265

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.



48.6046, 51.6772, 103.2536



56.5165, 51.6772, 29.9176



38.3171, 51.6772, 75.8311

Square

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



56.5165, 51.6772, 29.9176



38.7550, 51.6772, 38.3832



42.3944, 51.6772, 94.7884



61.1801, 51.6772, 78.9899

Rectangle

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



56.5165, 51.6772, 29.9176



45.1897, 51.6772, 27.3495



42.3944, 51.6772, 94.7884



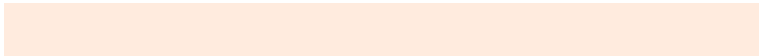
53.2668, 51.6772, 100.6101

Sweetspot

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



56.5178, 51.6797, 29.9186



83.9855, 85.6875, 81.1147



56.0339, 40.5063, 61.2198



17.6075, 17.8569, 16.4562



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.



56.5178, 51.6797, 29.9186



59.3058, 51.9819, 24.6294



68.6614, 75.9668, 33.9665



16.2694, 16.7519, 16.5257



21.8843, 14.5666, 1.6582



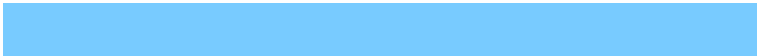
1.9139, 1.3985, 0.1691

Inverse Universe

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



46.9044, 53.3329, 91.8265



47.1797, 54.0119, 102.5465



36.8088, 33.1416, 88.4613



15.7091, 16.8523, 20.1465



14.5417, 15.3077, 47.3161



1.3056, 1.4652, 3.9682

Previews

White Background



This preview shows how the XYZ color 56.5165, 51.6772, 29.9176 looks on a white background.

Color Contrast Check

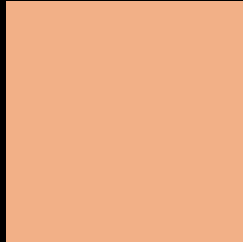
Large Text (above 18pt) WCAG AA × Fail

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 56.5165, 51.6772, 29.9176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

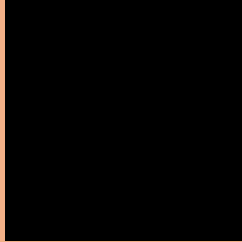
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5165, 51.6772, 29.9176

Background



This preview shows how black text looks on a background with the XYZ color 56.5165, 51.6772, 29.9176.



This preview shows how white text looks on a background with the XYZ color 56.5165, 51.6772,

29.9176.

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

56.5165, 51.6772, 29.9176

Protanopia

48.3980, 51.7291, 32.6332

Deuteranopia

52.9151, 51.9191, 29.7867



Tritanopia

60.9280, 51.7612, 51.5794

Trichromacy



Original Color

56.5165, 51.6772, 29.9176

Protanomaly

50.9226, 51.4674, 31.6764

Deuteranomaly

53.9030, 51.5196, 29.6575

Tritanomaly

59.2916, 51.6707, 42.9248

Monochromacy



Original Color

56.5165, 51.6772, 29.9176

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.4879, 51.7597, 45.8050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5165, 51.6772, 29.9176 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, 176, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 135)  
}
```

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, 176, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 135) }
```

Border

The CSS property to change the border of an element to XYZ 56.5165, 51.6772, 29.9176 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, 176, 135) }
```


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

```
.border{ border-color:rgb(242, 176, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 176, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 176, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 176, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 176,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5165, 51.6772, 29.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 135) }
```

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

```
.background{ background-color: rgb(242,  
176, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor