

Converting Colors

XYZ(57.0689, 53.7504, 26.8362)

Have a look what the booklet for
XYZ(57.0689, 53.7504, 26.8362)
contains.

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Color

**XYZ(57.0476, 53.8138,
26.7824)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B67D
RGB	242, 182, 125
RGB Percent	95%, 71%, 49%
CMY	0.0510, 0.2862, 0.5098
CMYK	0.00, 0.25, 0.48, 0.05
HSL	29°, 82%, 72%
HSV	29°, 48%, 95%
XYZ	57.0476, 53.8138, 26.7824
YIQ	193.4420, 54.0570, -5.0070

Conversions

Conversions Part 2

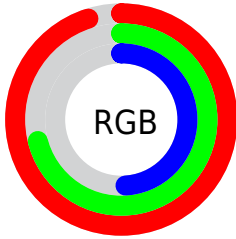
Format	Color
R _Y B	242, 236, 125
Decimal	15906429
CIE Lab	78.35, 15.07, 37.37
CIE LCh	78, 40.290, 68.035
Yxy	53.8138, 0.4145, 0.3910
Android (android.graphics.Color)	4294096509 (0xFFF2B67D)
YUV	193.4420, -33.7419, 42.5854
Hunter-Lab	73.3579, 10.4363, 29.7042

Details

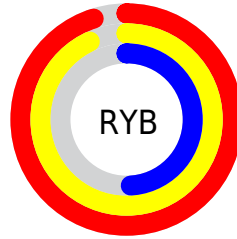
The XYZ color **57.0476, 53.8138, 26.7824** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.8327, 45.4669, 90.5754**, and the grayscale version is **51.1202, 53.7825, 58.5691**.

A 20% lighter version of the original color is **79.8504, 85.6234, 54.4379**, and **28.6487, 26.2758, 10.2184** is the 20% darker color. If you saturate the color by 10%, you get **53.2565, 48.4116, 18.7985**, and if you desaturate by 10%, it is **61.4432, 59.8223, 36.8268**.

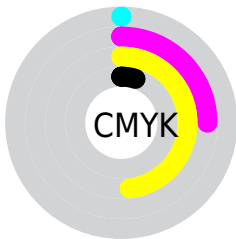
Distribution



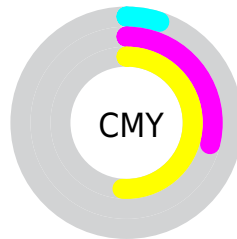
- Red (95%)
- Green (71%)
- Blue (49%)



- Red (95%)
- Yellow (93%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0476, 53.8138, 26.7824 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 57.0476, 53.8138, 26.7824 by changing the saturation by 10% instead.


 57.0476, 53.8138,
26.7824


 57.0476, 53.8138,
26.7824


403.6389,
401.3996, 300.3288

 41.2837, 38.4528,
17.1789


 99.6656, 95.8008,
55.5340

 28.7295, 26.3343,
10.1988


 127.2505,
123.1956, 75.5191

 19.0195, 17.0739,
5.4236

 159.5063,
155.3705, 99.8019

 11.7885, 10.2872,
2.4349

196.7986,
192.7098, 128.8008

 6.6710, 5.5898,
0.8053

239.4927,
235.5980, 162.9344

 3.3017, 2.5973,
0.0000

287.9539,

 1.3152, 0.9253,

284.4194, 202.6212

0.0000

342.5475,
339.5585, 248.2798

■ 0.1946, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0476, 53.8138,
26.7824

■ 57.0476, 53.8138,
26.7824

■ 53.2565, 48.4116,
18.7985

■ 61.4432, 59.8223,
36.8268

■ 50.0322, 43.5850,
12.7235

■ 66.4700, 66.4506,
49.0622

■ 47.3385, 39.3121,
8.3895

■ 72.1576, 73.7211,
63.6121

■ 45.1314, 35.5650,
5.5974

■ 78.5323, 81.6528,
80.5895

■ 43.3516, 32.3095,
4.0664

■ 85.6190, 90.2638,
100.1003

■ 43.0856, 31.8126,
3.8696

■ 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.



64.0801, 53.8138, 35.6550



57.0476, 53.8138, 26.7824



49.0528, 53.8138, 25.1934

Triad

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



57.0476, 53.8138, 26.7824



37.5245, 53.8138, 64.8926



61.0980, 53.8138, 100.0082

Complementary

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



57.0476, 53.8138, 26.7824



41.8327, 45.4669, 90.5754

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.



53.3028, 53.8138, 113.1382



57.0476, 53.8138, 26.7824



40.0852, 53.8138, 89.7199

Square

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



57.0476, 53.8138, 26.7824



38.3060, 53.8138, 43.7720



45.6706, 53.8138, 108.9535



66.5813, 53.8138, 76.4332

Rectangle

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



57.0476, 53.8138, 26.7824



44.3311, 53.8138, 27.9552



45.6706, 53.8138, 108.9535



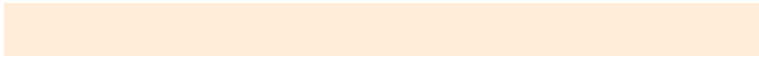
58.6311, 53.8138, 106.0338

Sweetspot

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



57.0489, 53.8164, 26.7835



83.5510, 85.8949, 77.6510



52.7564, 37.0668, 50.5229



17.5683, 17.9902, 15.7902



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.



57.0489, 53.8164, 26.7835



60.0514, 54.6283, 21.3168



71.4945, 82.7075, 31.5986



16.4086, 17.0302, 16.5721



23.2818, 17.3617, 2.1241



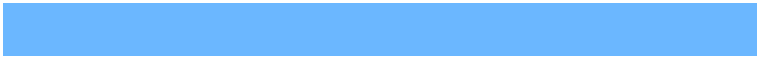
2.0361, 1.6429, 0.2098

Inverse Universe

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



41.8327, 45.4669, 90.5754



41.0464, 44.1939, 100.9746



32.0679, 25.9372, 87.3205



15.5675, 16.5691, 20.0993



12.6255, 11.4752, 46.6774



1.1499, 1.1538, 3.9163

Previews

White Background



This preview shows how the XYZ color 57.0476, 53.8138, 26.7824 looks on a white background.

Color Contrast Check

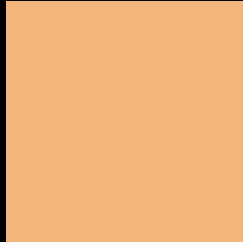
Large Text (above 18pt) WCAG AA × Fail

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 57.0476, 53.8138, 26.7824 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 57.0476, 53.8138, 26.7824

Background



This preview shows how black text looks on a background with the XYZ color 57.0476, 53.8138, 26.7824.



This preview shows how white text looks on a background with the XYZ color 57.0476, 53.8138,

26.7824.

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

57.0476, 53.8138, 26.7824

Protanopia

49.8994, 53.8969, 28.8923

Deuteranopia

55.1287, 54.0655, 26.5989



Tritanopia

62.8171, 53.8164, 54.0905

Trichromacy



Original Color

57.0476, 53.8138, 26.7824

Protanomaly

52.4339, 53.9150, 28.0651

Deuteranomaly

55.9121, 54.1577, 26.5754

Tritanomaly

60.4290, 53.7174, 42.3055

Monochromacy



Original Color

57.0476, 53.8138, 26.7824

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.1294, 53.0712, 44.5420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0476, 53.8138, 26.7824 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, 182, 125)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 125)  
}
```

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, 182, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 125) }
```

Border

The CSS property to change the border of an element to XYZ 57.0476, 53.8138, 26.7824 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, 182, 125) }
```


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

```
.border{ border-color:rgb(242, 182, 125) }
```

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

Here you see how a box with a 4 pixel rgb(242, 182, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 125);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0476, 53.8138, 26.7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 125) }
```

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

```
.background{ background-color: rgb(242,  
182, 125) }
```

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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