

Converting Colors

XYZ(57.2553, 53.7114, 26.0088)

Have a look what the booklet for
XYZ(57.2553, 53.7114, 26.0088)
contains.

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Color

**XYZ(57.0612, 53.5325,
26.0642)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B57B
RGB	243, 181, 123
RGB Percent	95%, 71%, 48%
CMY	0.0471, 0.2902, 0.5176
CMYK	0.00, 0.26, 0.49, 0.05
HSL	29°, 83%, 72%
HSV	29°, 49%, 95%
XYZ	57.0612, 53.5325, 26.0642
YIQ	192.9260, 55.5700, -4.8940

Conversions

Conversions Part 2

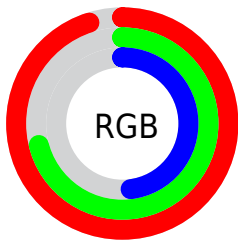
Format	Color
R_{YB}	243, 235, 123
Decimal	15971707
CIE _{Lab}	78.19, 15.81, 38.21
CIE _{LCh}	78, 41.355, 67.518
Yxy	53.5325, 0.4175, 0.3917
Android (android.graphics.Color)	4294161787 (0xFFFF3B57B)
YUV	192.9260, -34.4735, 43.9149
Hunter-Lab	73.1659, 11.1696, 30.0950

Details

The XYZ color **57.0612, 53.5325, 26.0642** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.6942, 45.3780, 91.3552**, and the grayscale version is **50.8196, 53.4662, 58.2246**.

A 20% lighter version of the original color is **79.3607, 84.9630, 53.2910**, and **28.6889, 26.1097, 9.8309** is the 20% darker color. If you saturate the color by 10%, you get **53.2863, 48.1225, 18.2098**, and if you desaturate by 10%, it is **61.4463, 59.5588, 35.9855**.

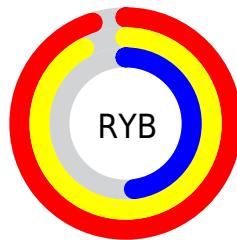
Distribution



Red (95%)

Green (71%)

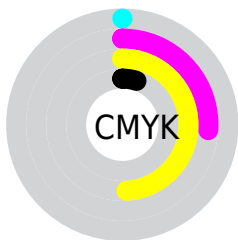
Blue (48%)



Red (95%)

Yellow (92%)

Blue (48%)

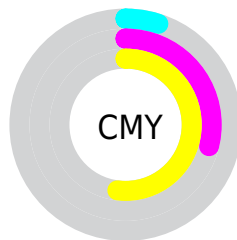


Cyan (0%)

Magenta (26%)

Yellow (49%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0612, 53.5325, 26.0642 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 57.0612, 53.5325, 26.0642 by changing the saturation by 10% instead.

57.0612, 53.5325,
26.0642

57.0612, 53.5325,
26.0642

403.6891,
400.3248, 296.7126

41.2947, 38.2280,
16.6455

99.6853, 95.3875,
54.3639

28.7381, 26.1597,
9.8228

127.2737,
122.7068, 74.0819

19.0261, 16.9432,
5.1775

159.5333,
154.7998, 98.0701

11.7932, 10.1940,
2.2913

196.8297,
192.0510, 126.7470

6.6742, 5.5278,
0.7263

239.5281,
234.8446, 160.5311

3.3037, 2.5601,
0.0000

287.9939,

1.3163, 0.9067,

283.5652, 199.8411

0.0000

342.5924,
338.5972, 245.0954

■ 0.1954, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0612, 53.5325,
26.0642

■ 57.0612, 53.5325,
26.0642

■ 53.2863, 48.1225,
18.2098

■ 61.4463, 59.5588,
35.9855

■ 50.0832, 43.2974,
12.2673

■ 66.4690, 66.2155,
48.1070

■ 47.4143, 39.0344,
8.0645

■ 72.1597, 73.5256,
62.5545

■ 45.2346, 35.3048,
5.3961

■ 78.5451, 81.5087,
79.4432

■ 43.4767, 32.0707,
3.9419

■ 85.6507, 90.1833,
98.8807

■ 43.3772, 31.8850,
3.8682

■ 90.7721, 97.7946,
108.6998

Harmonies

Analogous

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



64.2368, 53.5325, 35.1567



57.0612, 53.5325, 26.0642



48.8735, 53.5325, 24.3482

Triad

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



57.0612, 53.5325, 26.0642



36.9704, 53.5325, 64.3107



60.9500, 53.5325, 101.2214

Complementary

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



57.0612, 53.5325, 26.0642



41.6942, 45.3780, 91.3552

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.



52.9428, 53.5325, 114.5189



57.0612, 53.5325, 26.0642



39.5181, 53.5325, 89.8309

Square

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



57.0612, 53.5325, 26.0642



37.8239, 53.5325, 42.8644



45.1640, 53.5325, 109.8750



66.6427, 53.5325, 77.0274

Rectangle

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



57.0612, 53.5325, 26.0642



44.0298, 53.5325, 27.0434



45.1640, 53.5325, 109.8750



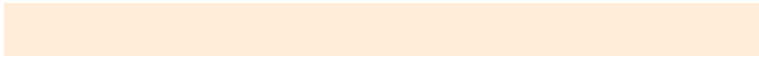
58.4085, 53.5325, 107.3705

Sweetspot

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



57.0625, 53.5351, 26.0653



83.5088, 85.8105, 77.6370



52.8023, 36.7238, 50.2048



17.5582, 17.9700, 15.7868



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.



57.0625, 53.5351, 26.0653



59.5431, 53.8235, 20.4944



71.9926, 83.3952, 31.0419



17.1602, 17.8046, 17.3297



23.9407, 17.7671, 2.1676



2.2066, 1.7664, 0.2246

Inverse Universe

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



41.6942, 45.3780, 91.3552



40.6074, 43.7649, 100.9150



31.6801, 25.3498, 88.0171



16.2893, 17.3429, 21.0315



13.0772, 11.9481, 48.1550



1.2523, 1.2559, 4.2667

Previews

White Background



This preview shows how the XYZ color 57.0612, 53.5325, 26.0642 looks on a white background.

Color Contrast Check

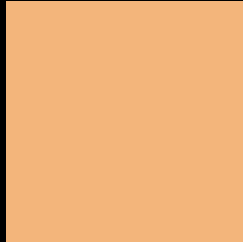
Large Text (above 18pt) WCAG AA × Fail

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 57.0612, 53.5325, 26.0642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

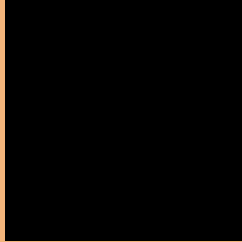
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0612, 53.5325, 26.0642

Background



This preview shows how black text looks on a background with the XYZ color 57.0612, 53.5325, 26.0642.



This preview shows how white text looks on a background with the XYZ color 57.0612, 53.5325,

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

57.0612, 53.5325, 26.0642

Protanopia

49.7664, 53.8437, 28.1920

Deuteranopia

54.7935, 53.5955, 25.8694



Tritanopia

62.8734, 53.5720, 53.4810

Trichromacy



Original Color

57.0612, 53.5325, 26.0642

Protanomaly

52.0877, 53.4311, 27.3066

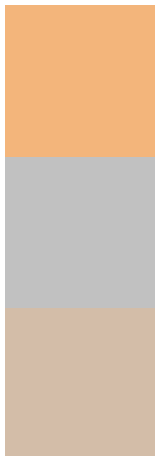
Deuteranomaly

55.5784, 53.6906, 25.8464

Tritanomaly

60.4940, 53.4692, 41.7825

Monochromacy



Original Color

57.0612, 53.5325, 26.0642

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 57.0612, 53.5325, 26.0642 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(243, 181, 123)` looks like.

```
.text, #text, p{  
    color:rgb(243, 181, 123)  
}
```

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(243, 181, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 181, 123) }
```

Border

The CSS property to change the border of an element to XYZ 57.0612, 53.5325, 26.0642 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(243, 181, 123) }
```


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

```
.border{ border-color:rgb(243, 181, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 181, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 181, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 181, 123);  
box-shadow:4px 4px 4px 4px rgb(243, 181,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0612, 53.5325, 26.0642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 181, 123) }
```

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

```
.background{ background-color: rgb(243,  
181, 123) }
```

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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