

Converting Colors

XYZ(57.1767, 53.8654, 27.4622)

Have a look what the booklet for
XYZ(57.1767, 53.8654, 27.4622)
contains.

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Color

**XYZ(57.1767, 53.8654,
27.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B67F
RGB	242, 182, 127
RGB Percent	95%, 71%, 50%
CMY	0.0510, 0.2863, 0.5020
CMYK	0.00, 0.25, 0.48, 0.05
HSL	29°, 82%, 72%
HSV	29°, 48%, 95%
XYZ	57.1767, 53.8654, 27.4622
YIQ	193.6700, 53.4150, -4.3850

Conversions

Conversions Part 2

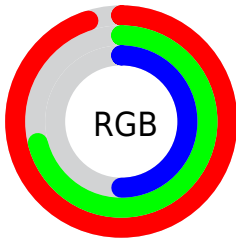
Format	Color
R_{YB}	242, 232, 127
Decimal	15906431
CIE _{Lab}	78.38, 15.26, 36.37
CIE _{LCh}	78, 39.437, 67.239
Yxy	53.8654, 0.4128, 0.3889
Android (android.graphics.Color)	4294096511 (0xFFFF2B67F)
YUV	193.6700, -32.8683, 42.3854
Hunter-Lab	73.3931, 10.6222, 29.1900

Details

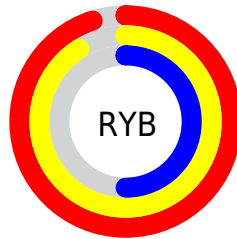
The XYZ color **57.1767, 53.8654, 27.4622** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.5491, 46.4618, 90.7298**, and the grayscale version is **51.2502, 53.9192, 58.7180**.

A 20% lighter version of the original color is **80.0528, 85.7044, 55.5034**, and **28.7183, 26.3036, 10.5847** is the 20% darker color. If you saturate the color by 10%, you get **53.3152, 48.3705, 19.3063**, and if you desaturate by 10%, it is **61.6528, 59.9833, 37.6927**.

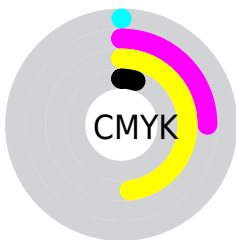
Distribution



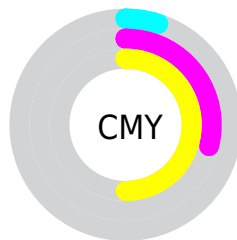
- Red (95%)
- Green (71%)
- Blue (50%)



- Red (95%)
- Yellow (91%)
- Blue (50%)



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





- Cyan (5%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1767, 53.8654, 27.4622 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 57.1767, 53.8654, 27.4622 by changing the saturation by 10% instead.


 57.1767, 53.8654,
27.4622

 57.1767, 53.8654,
27.4622


404.1146,
401.5965, 303.7188


 41.3878, 38.4941,
17.6852


 99.8528, 95.8766,
56.6374

 28.8112, 26.3664,
10.5571


 127.4708,
123.2852, 76.8726

 19.0816, 17.0979,
5.6595


 159.7625,
155.4751, 101.4310

 11.8336, 10.3043,
2.5737

197.0933,
192.8306, 130.7310

 6.7019, 5.6012,
0.8788

239.8286,
235.7361, 165.1913

 3.3210, 2.6041,
0.0000

288.3336,

 1.3257, 0.9287,

284.5759, 205.2303

0.0000

342.9738,
339.7346, 251.2666

■ 0.2023, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1767, 53.8654,
27.4622

■ 57.1767, 53.8654,
27.4622

■ 53.3152, 48.3705,
19.3063

■ 61.6528, 59.9833,
37.6927

■ 50.0305, 43.4675,
13.0745

■ 66.7703, 66.7381,
50.1272

■ 47.2864, 39.1336,
8.6010

■ 72.5588, 74.1528,
64.8886

■ 45.0393, 35.3409,
5.6895

■ 79.0449, 82.2469,
82.0893

■ 43.2335, 32.0558,
4.0811

■ 86.2536, 91.0388,
101.8346

■ 42.8345, 31.3105,
3.7859

■ 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.



63.9894, 53.8654, 36.4456



57.1767, 53.8654, 27.4622



49.3442, 53.8654, 25.7037

Triad

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



57.1767, 53.8654, 27.4622



37.8019, 53.8654, 64.1890



60.7463, 53.8654, 99.5691

Complementary

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



57.1767, 53.8654, 27.4622



42.5491, 46.4618, 90.7298

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.



53.0965, 53.8654, 111.9368



57.1767, 53.8654, 27.4622



40.2351, 53.8654, 88.4234

Square

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



57.1767, 53.8654, 27.4622



38.6585, 53.8654, 43.6511



45.6503, 53.8654, 107.4128



66.1910, 53.8654, 76.7431

Rectangle

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



57.1767, 53.8654, 27.4622



44.6806, 53.8654, 28.3199



45.6503, 53.8654, 107.4128



58.3190, 53.8654, 105.3190

Sweetspot

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



57.1780, 53.8680, 27.4633



84.1694, 86.5977, 79.5039



53.3207, 37.7017, 52.2329



17.6871, 18.1226, 16.1538



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.



57.1780, 53.8680, 27.4633



60.1900, 54.6873, 22.0355



71.0719, 81.6558, 32.0946



16.3965, 17.0062, 16.5681



23.1462, 17.0905, 2.0788



2.0246, 1.6199, 0.2060

Inverse Universe

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



42.5491, 46.4618, 90.7298



41.8861, 45.4109, 101.1653



32.8738, 27.1113, 87.5047



15.5796, 16.5933, 20.1033



12.7729, 11.7701, 46.7265



1.1622, 1.1784, 3.9204

Previews

White Background



This preview shows how the XYZ color 57.1767, 53.8654, 27.4622 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 57.1767, 53.8654, 27.4622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

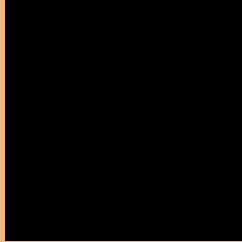
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1767, 53.8654, 27.4622

Background



This preview shows how black text looks on a background with the XYZ color 57.1767, 53.8654, 27.4622.



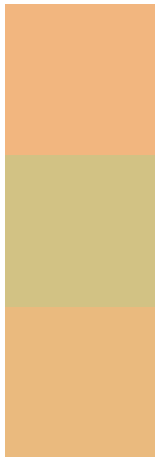
This preview shows how white text looks on a background with the XYZ color 57.1767, 53.8654,

27.4622.

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

57.1767, 53.8654, 27.4622

Protanopia

50.0350, 53.9512, 29.6063

Deuteranopia

55.2565, 54.1166, 27.2719



Tritanopia

62.5709, 53.6771, 54.6398

Trichromacy



Original Color

57.1767, 53.8654, 27.4622

Protanomaly

52.5669, 53.9682, 28.7654

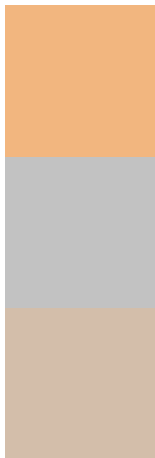
Deuteranomaly

56.0399, 54.2088, 27.2484

Tritanomaly

60.2613, 53.6099, 43.2480

Monochromacy



Original Color

57.1767, 53.8654, 27.4622

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.5331, 53.5781, 45.6030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1767, 53.8654, 27.4622 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 127) }
```

Border

The CSS property to change the border of an element to XYZ 57.1767, 53.8654, 27.4622 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, 127) }
```


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

```
.border{ border-color:rgb(242, 182, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 127);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1767, 53.8654, 27.4622 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, 127) }
```

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

```
.background{ background-color: rgb(242,  
182, 127) }
```

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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