

Converting Colors

XYZ(58.0411, 53.3747, 32.9740)

Have a look what the booklet for
XYZ(58.0411, 53.3747, 32.9740)
contains.

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Color

**XYZ(57.9647, 53.2479,
32.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B38E
RGB	243, 179, 142
RGB Percent	95%, 70%, 56%
CMY	0.0471, 0.2980, 0.4431
CMYK	0.00, 0.26, 0.42, 0.05
HSL	22°, 81%, 75%
HSV	22°, 42%, 95%
XYZ	57.9647, 53.2479, 32.8140
YIQ	193.9180, 50.0210, 2.0610

Conversions

Conversions Part 2

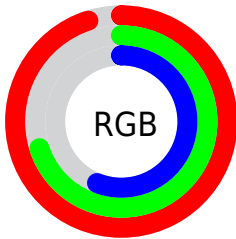
Format	Color
R _Y B	243, 200, 142
Decimal	15971214
CIE Lab	78.02, 18.75, 28.02
CIE LCh	78, 33.710, 56.208
Yxy	53.2479, 0.4025, 0.3697
Android (android.graphics.Color)	4294161294 (0xFFFF3B38E)
YUV	193.9180, -25.5956, 43.0449
Hunter-Lab	72.9712, 14.0921, 24.4180

Details

The XYZ color **57.9647, 53.2479, 32.8140** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.4033, 56.3621, 93.0689**, and the grayscale version is **51.3568, 54.0313, 58.8401**.

A 20% lighter version of the original color is **80.9121, 84.6622, 64.3015**, and **29.3568, 25.9913, 13.3671** is the 20% darker color. If you saturate the color by 10%, you get **53.4201, 46.7670, 23.2581**, and if you desaturate by 10%, it is **63.2543, 60.5822, 44.5813**.

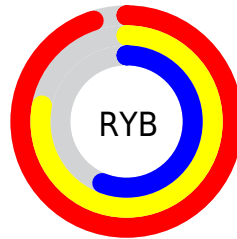
Distribution



Red (95%)

Green (70%)

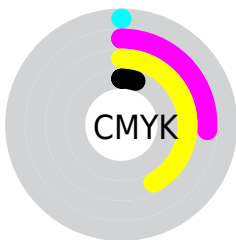
Blue (56%)



Red (95%)

Yellow (78%)

Blue (56%)

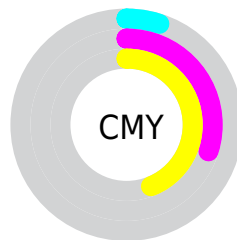


Cyan (0%)

Magenta (26%)

Yellow (42%)

Black (5%)



Cyan (5%)

Magenta (30%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9647, 53.2479, 32.8140 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 57.9647, 53.2479, 32.8140 by changing the saturation by 10% instead.


 57.9647, 53.2479,
32.8140


 57.9647, 53.2479,
32.8140


407.0104,
399.2355, 329.4170

 42.0234, 38.0007,
21.7140


 100.9947, 94.9691,
65.1977

 29.3108, 25.9832,
13.4506


 128.8142,
122.2118, 87.3185

 19.4615, 16.8111,
7.6052

161.3237,
154.2218, 113.9500

 12.1102, 10.0999,
3.7593

198.8887,
191.3836, 145.5108

 6.8915, 5.4652,
1.4942

241.8745,
234.0814, 182.4193

 3.4401, 2.5227,
0.2136

290.6465,

 1.3905, 0.8880,

282.6998, 225.0942

0.0000

345.5700,
337.6230, 273.9539

■ 0.2495, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9647, 53.2479,
32.8140

■ 57.9647, 53.2479,
32.8140

■ 53.4201, 46.7670,
23.2581

■ 63.2543, 60.5822,
44.5813

■ 49.5790, 41.0988,
15.7692

■ 69.3194, 68.7931,
58.6855

■ 46.4018, 36.2104,
10.1905

■ 76.1935, 77.9126,
75.2465

■ 43.8422, 32.0632,
6.3407

■ 83.9068, 87.9685,
94.3748

■ 41.8465, 28.6142,
4.0030

■ 90.7720, 97.7946,
108.6998

■ 40.5372, 26.2049,
2.9215

Harmonies

Analogous

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



62.8083, 53.2479, 43.4260



57.9647, 53.2479, 32.8140



51.4503, 53.2479, 28.8579

Triad

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



57.9647, 53.2479, 32.8140



39.0257, 53.2479, 55.6188



56.3956, 53.2479, 96.8605

Complementary

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



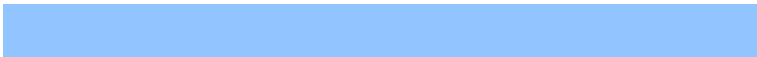
57.9647, 53.2479, 32.8140



49.4033, 56.3621, 93.0689

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.



49.7800, 53.2479, 102.0754



57.9647, 53.2479, 32.8140



40.1040, 53.2479, 75.4639

Square

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



57.9647, 53.2479, 32.8140



40.8234, 53.2479, 40.0981



43.9063, 53.2479, 93.5318



61.8488, 53.2479, 80.5110

Rectangle

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



57.9647, 53.2479, 32.8140



47.1665, 53.2479, 29.7196



43.9063, 53.2479, 93.5318



54.2183, 53.2479, 100.1074

Sweetspot

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



57.9660, 53.2505, 32.8151



84.6326, 86.4310, 83.0280



57.9775, 42.9380, 64.6813



17.8898, 18.2033, 17.2228



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.



57.9660, 53.2505, 32.8151



60.2810, 53.1606, 27.3338



69.5468, 76.4120, 36.6753



16.9963, 17.4767, 17.2751



22.3656, 14.6168, 1.6425



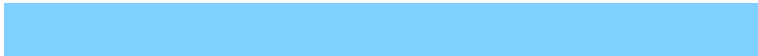
2.0602, 1.4736, 0.1759

Inverse Universe

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



49.4033, 56.3621, 93.0689



49.5025, 57.0214, 103.0049



39.4158, 36.3872, 89.7398



16.4565, 17.6773, 21.0873



15.3510, 16.4958, 48.9129



1.4470, 1.6453, 4.3316

Previews

White Background



This preview shows how the XYZ color 57.9647, 53.2479, 32.8140 looks on a white background.

Color Contrast Check

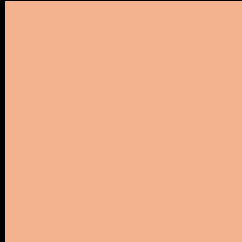
Large Text (above 18pt) WCAG AA × Fail

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 57.9647, 53.2479, 32.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

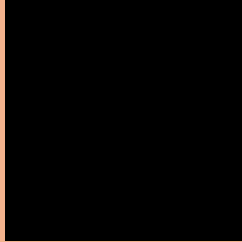
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9647, 53.2479, 32.8140

Background



This preview shows how black text looks on a background with the XYZ color 57.9647, 53.2479, 32.8140.



This preview shows how white text looks on a background with the XYZ color 57.9647, 53.2479,

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

57.9647, 53.2479, 32.8140

Protanopia

49.8689, 53.3999, 35.6958

Deuteranopia

54.4698, 53.2790, 32.6123



Tritanopia

62.1643, 53.2065, 53.4478

Trichromacy



Original Color

57.9647, 53.2479, 32.8140

Protanomaly

52.3849, 53.1018, 34.6828

Deuteranomaly

55.6729, 53.2825, 32.5496

Tritanomaly

60.5917, 53.1551, 45.0966

Monochromacy



Original Color

57.9647, 53.2479, 32.8140

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0868, 53.4874, 48.0836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9647, 53.2479, 32.8140 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, 179, 142)` looks like.

```
.text, #text, p{  
    color:rgb(243, 179, 142)  
}
```

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, 179, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 179, 142) }
```

Border

The CSS property to change the border of an element to XYZ 57.9647, 53.2479, 32.8140 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, 179, 142) }
```


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

```
.border{ border-color:rgb(243, 179, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 179, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 179, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 179, 142);  
box-shadow:4px 4px 4px 4px rgb(243, 179,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9647, 53.2479, 32.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 179, 142) }
```

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

```
.background{ background-color: rgb(243,  
179, 142) }
```

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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