

Converting Colors

XYZ(53.7492, 50.7554, 18.5882)

Have a look what the booklet for
XYZ(53.7492, 50.7554, 18.5882)
contains.

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Color

**XYZ(53.8619, 50.8514,
18.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B162
RGB	240, 177, 98
RGB Percent	94%, 69%, 38%
CMY	0.0588, 0.3059, 0.6157
CMYK	0.00, 0.26, 0.59, 0.06
HSL	33°, 83%, 66%
HSV	33°, 59%, 94%
XYZ	53.8619, 50.8514, 18.5317
YIQ	186.8310, 62.9070, -11.2130

Conversions

Conversions Part 2

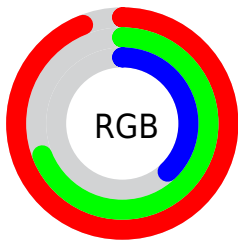
Format	Color
R_{YB}	211, 240, 98
Decimal	15774050
CIE _{Lab}	76.59, 14.67, 48.80
CIE _{LCh}	77, 50.958, 73.266
Yxy	50.8514, 0.4370, 0.4126
Android (android.graphics.Color)	4293964130 (0xFFFF0B162)
YUV	186.8310, -43.7937, 46.6292
Hunter-Lab	71.3102, 10.0316, 34.5092

Details

The XYZ color **53.8619, 50.8514, 18.5317** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.5093, 34.3760, 87.3067**, and the grayscale version is **47.3542, 49.8203, 54.2543**.

A 20% lighter version of the original color is **75.9648, 81.7722, 41.0580**, and **26.5431, 24.3238, 5.9853** is the 20% darker color. If you saturate the color by 10%, you get **50.8728, 46.4230, 12.7582**, and if you desaturate by 10%, it is **57.3572, 55.7489, 26.1506**.

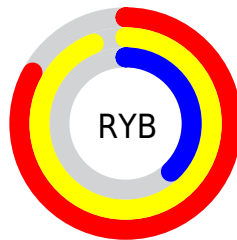
Distribution



Red (94%)

Green (69%)

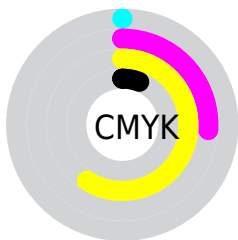
Blue (38%)



Red (83%)

Yellow (94%)

Blue (38%)

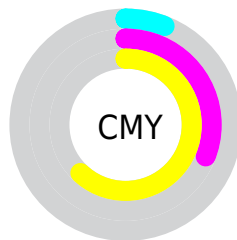


Cyan (0%)

Magenta (26%)

Yellow (59%)

Black (6%)



Cyan (6%)

Magenta (31%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8619, 50.8514, 18.5317 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 53.8619, 50.8514, 18.5317 by changing the saturation by 10% instead.

53.8619, 50.8514,
18.5317

53.8619, 50.8514,
18.5317

391.7901,
389.9862, 256.1871

38.7215, 36.0904,
11.1590

95.0295, 91.4351,
41.7674

26.7229, 24.5040,
6.0584

121.7875,
118.0265, 58.4674

17.5007, 15.7079,
2.8112

153.1486,
149.3302, 79.1137

10.6896, 9.3177,
0.9991

189.4783,
185.7305, 104.1247

5.9243, 4.9490,
0.0000

231.1420,
227.6119, 133.9191

2.8393, 2.2174,
0.0000

278.5049,

1.0694, 0.7294,

275.3587, 168.9152

0.0000

331.9325,
329.3553, 209.5317

■ 0.0000, 0.0000,
0.0000

■ 53.8619, 50.8514,
18.5317

■ 53.8619, 50.8514,
18.5317

■ 50.8728, 46.4230,
12.7582

■ 57.3572, 55.7489,
26.1506

■ 48.3511, 42.4361,
8.6605

■ 61.3862, 61.1261,
35.7581

■ 46.2569, 38.8707,
6.0422

■ 65.9783, 67.0025,
47.4865

■ 44.5291, 35.6958,
4.6005

■ 71.1595, 73.3938,
61.4559

■ 44.3954, 35.4459,
4.5019

■ 76.9540, 80.3150,
77.7773

■ 83.3843, 87.7802,
96.5542

■ 88.6494, 95.0739,
108.2865

■ 89.7450, 97.2652,
108.6517

Harmonies

Analogous

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



63.1067, 50.8514, 26.3984



53.8619, 50.8514, 18.5317



44.2076, 50.8514, 18.1342

Triad

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



53.8619, 50.8514, 18.5317



32.4594, 50.8514, 68.4487



62.1649, 50.8514, 103.6490

Complementary

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



53.8619, 50.8514, 18.5317



33.5093, 34.3760, 87.3067

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.



52.7069, 50.8514, 124.6716



53.8619, 50.8514, 18.5317



36.0658, 50.8514, 100.2403

Square

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



53.8619, 50.8514, 18.5317



32.6823, 50.8514, 41.4618



43.1955, 50.8514, 123.2502



68.3191, 50.8514, 72.0817

Rectangle

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



53.8619, 50.8514, 18.5317



38.8720, 50.8514, 21.8145



43.1955, 50.8514, 123.2502



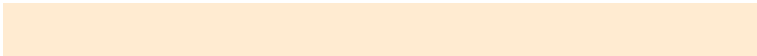
59.2160, 50.8514, 112.5887

Sweetspot

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



53.8631, 50.8539, 18.5327



82.3658, 85.0779, 72.4671



46.8156, 29.8660, 37.4335



17.2379, 17.7343, 14.4320



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.



53.8631, 50.8539, 18.5327



57.7426, 52.2903, 13.5194



66.9361, 80.5084, 23.5676



16.5022, 17.2175, 16.6033



24.4377, 19.6735, 2.5094



2.1320, 1.8348, 0.2418

Inverse Universe

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



33.5093, 34.3760, 87.3067



32.4700, 31.8734, 99.0486



25.9336, 18.0364, 84.5521



15.4744, 16.3830, 20.0682



11.5857, 9.3957, 46.3308



1.0615, 0.9769, 3.8868

Previews

White Background



This preview shows how the XYZ color 53.8619, 50.8514, 18.5317 looks on a white background.

Color Contrast Check

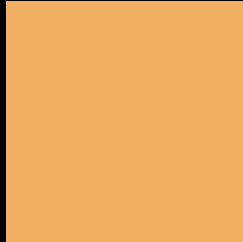
Large Text (above 18pt) WCAG AA × Fail

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 53.8619, 50.8514, 18.5317 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 53.8619, 50.8514, 18.5317

Background



This preview shows how black text looks on a background with the XYZ color 53.8619, 50.8514, 18.5317.



This preview shows how white text looks on a background with the XYZ color 53.8619, 50.8514,

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

53.8619, 50.8514, 18.5317

Protanopia

46.6083, 50.7644, 19.9124

Deuteranopia

52.0832, 50.8292, 18.3752



Tritanopia

60.2469, 50.8934, 49.8281

Trichromacy



Original Color

53.8619, 50.8514, 18.5317

Protanomaly

49.2131, 50.8532, 19.5337

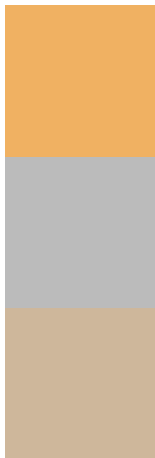
Deuteranomaly

52.8698, 50.9361, 18.3544

Tritanomaly

57.3762, 50.5609, 35.5893

Monochromacy



Original Color

53.8619, 50.8514, 18.5317

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.3035, 49.3553, 37.9910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8619, 50.8514, 18.5317 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(240, 177, 98)` looks like.

```
.text, #text, p{  
    color:rgb(240, 177, 98)  
}
```

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(240, 177, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 177, 98) }
```

Border

The CSS property to change the border of an element to XYZ 53.8619, 50.8514, 18.5317 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(240, 177, 98) }
```


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

```
.border{ border-color:rgb(240, 177, 98) }
```

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

Here you see how a box with a 4 pixel rgb(240, 177, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 177, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 177, 98);  
box-shadow:4px 4px 4px 4px rgb(240, 177,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8619, 50.8514, 18.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 177, 98) }
```

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

```
.background{ background-color: rgb(240,  
177, 98) }
```

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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