

Converting Colors

XYZ(57.3421, 55.3298, 18.9663)

Have a look what the booklet for
XYZ(57.3421, 55.3298, 18.9663)
contains.

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Color

**XYZ(57.3728, 55.3934,
18.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BA61
RGB	245, 186, 97
RGB Percent	96%, 73%, 38%
CMY	0.0392, 0.2706, 0.6196
CMYK	0.00, 0.24, 0.60, 0.04
HSL	36°, 88%, 67%
HSV	36°, 60%, 96%
XYZ	57.3728, 55.3934, 18.9774
YIQ	193.4950, 63.7330, -15.1710

Conversions

Conversions Part 2

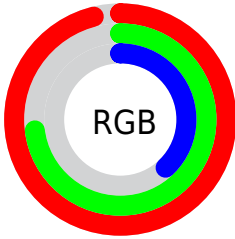
Format	Color
RYB	195, 245, 97
Decimal	16104033
CIELab	79.27, 11.93, 52.54
CIELCh	79, 53.874, 77.207
Yxy	55.3934, 0.4355, 0.4205
Android (android.graphics.Color)	4294294113 (0xFFFF5BA61)
YUV	193.4950, -47.5720, 45.1699
Hunter-Lab	74.4267, 7.3522, 36.9809

Details

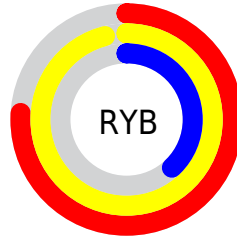
The XYZ color **57.3728, 55.3934, 18.9774** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.2991, 32.9095, 90.9829**, and the grayscale version is **51.2267, 53.8945, 58.6911**.

A 20% lighter version of the original color is **78.4972, 86.9663, 41.5031**, and **28.8688, 27.2788, 6.2264** is the 20% darker color. If you saturate the color by 10%, you get **54.4148, 51.0320, 13.1994**, and if you desaturate by 10%, it is **60.8268, 60.1825, 26.6616**.

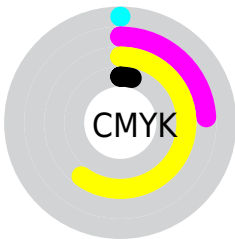
Distribution



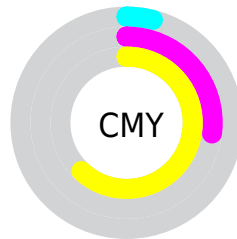
- Red (96%)
- Green (73%)
- Blue (38%)



- Red (76%)
- Yellow (96%)
- Blue (38%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3728, 55.3934, 18.9774 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 57.3728, 55.3934, 18.9774 by changing the saturation by 10% instead.

57.3728, 55.3934,
18.9774

57.3728, 55.3934,
18.9774

404.8364,
407.4014, 258.7425

41.5459, 39.7168,
11.4773

100.1372, 98.1171,
42.5321

28.9355, 27.3178,
6.2706

127.8054,
125.9330, 59.4238

19.1760, 17.8120,
2.9389

160.1514,
158.5641, 80.2831

11.9023, 10.8151,
1.0635

197.5406,
196.3948, 105.5285

6.7489, 5.9427,
0.0000

240.3384,
239.8094, 135.5786

3.3505, 2.8102,
0.0000

288.9100,

1.3417, 1.0335,

289.1925, 170.8520

0.0000

343.6209,
344.9284, 211.7671

■ 0.2141, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3728, 55.3934,
18.9774

■ 57.3728, 55.3934,
18.9774

■ 54.4148, 51.0320,
13.1994

■ 60.8268, 60.1825,
26.6616

■ 51.9123, 47.0712,
9.1462

■ 64.8049, 65.4085,
36.4047

■ 49.8235, 43.4919,
6.6061

■ 69.3374, 71.0897,
48.3471

■ 48.1428, 40.3859,
5.2579

■ 74.4508, 77.2410,
62.6162

■ 80.1699, 83.8762,
79.3294

■ 86.5176, 91.0084,
98.5962

■ 91.2647, 97.7497,
108.6652

■ 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



68.0194, 55.3934, 26.4050



57.3728, 55.3934, 18.9774



46.7544, 55.3934, 19.5300

Triad

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



57.3728, 55.3934, 18.9774



35.2321, 55.3934, 79.6291



69.3670, 55.3934, 110.2821

Complementary

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



57.3728, 55.3934, 18.9774



33.2991, 32.9095, 90.9829

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.



59.0210, 55.3934, 136.6214



57.3728, 55.3934, 18.9774



39.7895, 55.3934, 115.1864

Square

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



57.3728, 55.3934, 18.9774



34.9170, 55.3934, 48.1043



48.1933, 55.3934, 138.6722



75.5533, 55.3934, 74.4324

Rectangle

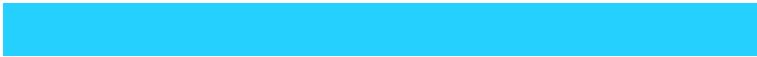
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.3728, 55.3934, 18.9774



41.0868, 55.3934, 24.3192



48.1933, 55.3934, 138.6722



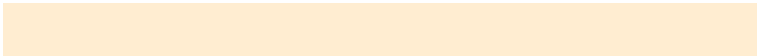
66.2009, 55.3934, 121.0039

Sweetspot

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



57.3741, 55.3961, 18.9785



82.9595, 86.2654, 72.6650



47.9488, 30.3694, 34.8767



17.3830, 18.0245, 14.4804



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.



57.3741, 55.3961, 18.9785



59.0804, 55.1004, 13.5503



67.5073, 83.0237, 23.7771



17.3282, 18.1405, 17.3857



26.0747, 22.0350, 2.8789



2.3920, 2.1373, 0.2865

Inverse Universe

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



33.2991, 32.9095, 90.9829



30.7400, 28.6988, 98.5270



27.4133, 18.5742, 88.5261



16.1232, 17.0107, 20.9762



11.3411, 8.4760, 47.5763



1.0943, 0.9401, 4.2140

Previews

White Background



This preview shows how the XYZ color 57.3728, 55.3934, 18.9774 looks on a white background.

Color Contrast Check

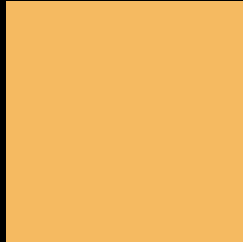
Large Text (above 18pt) WCAG AA × Fail

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 57.3728, 55.3934, 18.9774 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 57.3728, 55.3934, 18.9774

Background



This preview shows how black text looks on a background with the XYZ color 57.3728, 55.3934, 18.9774.



This preview shows how white text looks on a background with the XYZ color 57.3728, 55.3934,

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

57.3728, 55.3934, 18.9774

Protanopia

50.9305, 55.6238, 20.3641

Deuteranopia

56.5459, 55.2810, 18.9993



Tritanopia

64.8555, 55.4202, 55.4230

Trichromacy



Original Color

57.3728, 55.3934, 18.9774

Protanomaly

53.0488, 55.3909, 19.9521

Deuteranomaly

56.8901, 55.4584, 19.0154

Tritanomaly

61.3889, 55.1826, 38.8682

Monochromacy



Original Color

57.3728, 55.3934, 18.9774

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.7364, 53.2926, 39.9074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3728, 55.3934, 18.9774 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(245, 186, 97)` looks like.

```
.text, #text, p{  
    color:rgb(245, 186, 97)  
}
```

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(245, 186, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 186, 97) }
```

Border

The CSS property to change the border of an element to XYZ 57.3728, 55.3934, 18.9774 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(245, 186, 97) }
```


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

```
.border{ border-color:rgb(245, 186, 97) }
```

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

Here you see how a box with a 4 pixel rgb(245, 186, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 186, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 186, 97);  
box-shadow:4px 4px 4px 4px rgb(245, 186,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3728, 55.3934, 18.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 186, 97) }
```

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

```
.background{ background-color: rgb(245,  
186, 97) }
```

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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