

Converting Colors

XYZ(57.9371, 55.7001, 18.2873)

Have a look what the booklet for
XYZ(57.9371, 55.7001, 18.2873)
contains.

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Color

**XYZ(57.9371, 55.7001,
18.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BA5E
RGB	247, 186, 94
RGB Percent	97%, 73%, 37%
CMY	0.0314, 0.2706, 0.6314
CMYK	0.00, 0.25, 0.62, 0.03
HSL	36°, 91%, 67%
HSV	36°, 62%, 97%
XYZ	57.9371, 55.7001, 18.2873
YIQ	193.7510, 65.8880, -15.6800

Conversions

Conversions Part 2

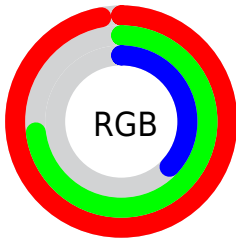
Format	Color
RYB	195, 247, 94
Decimal	16235102
CIELab	79.44, 12.55, 54.21
CIELCh	79, 55.644, 76.962
Yxy	55.7001, 0.4392, 0.4222
Android (android.graphics.Color)	4294425182 (0xFFFF7BA5E)
YUV	193.7510, -49.1772, 46.6994
Hunter-Lab	74.6325, 7.9624, 37.7148

Details

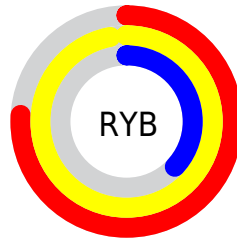
The XYZ color **57.9371, 55.7001, 18.2873** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **33.1255, 32.5365, 92.5296**, and the grayscale version is **51.3865, 54.0626, 58.8741**.

A 20% lighter version of the original color is **78.2586, 86.8708, 40.2468**, and **29.2990, 27.5070, 5.9557** is the 20% darker color. If you saturate the color by 10%, you get **54.9979, 51.3209, 12.6869**, and if you desaturate by 10%, it is **61.3764, 60.5126, 25.8045**.

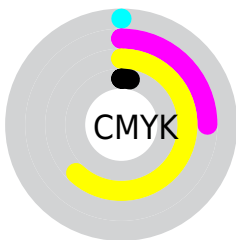
Distribution



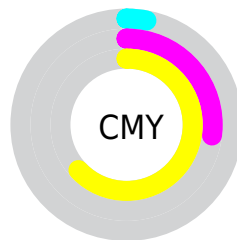
- Red (97%)
- Green (73%)
- Blue (37%)



- Red (76%)
- Yellow (97%)
- Blue (37%)



- Cyan (0%)
- Magenta (25%)
- Yellow (62%)
- Black (3%)





- Cyan (3%)
- Magenta (27%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9371, 55.7001, 18.2873 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 57.9371, 55.7001, 18.2873 by changing the saturation by 10% instead.


 57.9371, 55.7001,
18.2873

 57.9371, 55.7001,
18.2873


406.9092,
408.5603, 254.7757


 42.0011, 39.9625,
10.9849


 100.9547, 98.5660,
41.3468


 29.2933, 27.5093,
5.9426

 128.7672,
126.4630, 57.9410

 19.4482, 17.9561,
2.7420


 161.2691,
159.1821, 78.4695

 12.1005, 10.9185,
0.9645

 198.8259,
197.1074, 103.3508

 6.8849, 6.0120,
0.0000

241.8030,
240.6235, 133.0036

 3.4359, 2.8524,
0.0000

290.5656,

 1.3882, 1.0552,

290.1148, 167.8463

0.0000

345.4792,
345.9656, 208.2975

■ 0.2478, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9371, 55.7001,
18.2873

■ 57.9371, 55.7001,
18.2873

■ 54.9979, 51.3209,
12.6869

■ 61.3764, 60.5126,
25.8045

■ 52.5168, 47.3468,
8.8136


■ 65.3453, 65.7678,
35.3973


■ 50.4499, 43.7579,
6.4444


■ 69.8750, 71.4849,
47.2111


■ 49.0311, 41.1211,
5.3529

■ 74.9930, 77.6791,
61.3777

 80.7247, 84.3645,
78.0183

 87.0939, 91.5547,
97.2455

 92.1466, 98.4720,
108.7581

 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



68.9977, 55.7001, 25.8785



57.9371, 55.7001, 18.2873



46.9182, 55.7001, 18.7819

Triad

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



57.9371, 55.7001, 18.2873



34.9372, 55.7001, 80.4253



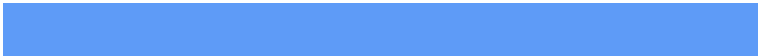
70.2461, 55.7001, 113.0728

Complementary

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



57.9371, 55.7001, 18.2873



33.1255, 32.5365, 92.5296

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.



59.4589, 55.7001, 140.5809



57.9371, 55.7001, 18.2873



39.5917, 55.7001, 117.6449

Square

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



57.9371, 55.7001, 18.2873



34.6494, 55.7001, 47.8000



48.2412, 55.7001, 142.4990



76.7487, 55.7001, 75.6135

Rectangle

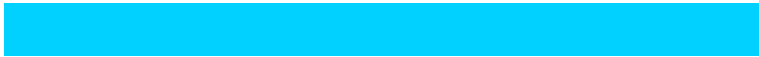
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9371, 55.7001, 18.2873



41.0464, 55.7001, 23.5745



48.2412, 55.7001, 142.4990



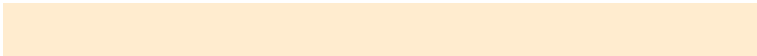
66.9372, 55.7001, 124.2865

Sweetspot

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



57.9384, 55.7028, 18.2884



82.3524, 85.5527, 70.9163



48.2939, 30.1533, 34.3740



17.2634, 17.8826, 14.1404



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.



57.9384, 55.7028, 18.2884



58.5078, 54.2081, 12.5803



68.4625, 84.4351, 23.2796



17.3281, 18.1403, 17.3857



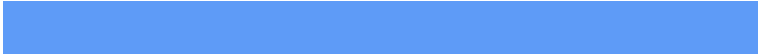
26.0737, 22.0330, 2.8786



2.3919, 2.1371, 0.2864

Inverse Universe

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



33.1255, 32.5365, 92.5296



29.9197, 27.5941, 98.3570



27.1354, 17.9917, 90.0379



16.1233, 17.0108, 20.9762



11.3417, 8.4772, 47.5765



1.0944, 0.9402, 4.2140

Previews

White Background



This preview shows how the XYZ color 57.9371, 55.7001, 18.2873 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 57.9371, 55.7001, 18.2873 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 57.9371, 55.7001, 18.2873

Background



This preview shows how black text looks on a background with the XYZ color 57.9371, 55.7001, 18.2873.



This preview shows how white text looks on a background with the XYZ color 57.9371, 55.7001,

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

57.9371, 55.7001, 18.2873

Protanopia

51.0843, 55.7198, 19.6178

Deuteranopia

56.9657, 55.8293, 18.3634



Tritanopia

65.3883, 55.4049, 55.3920

Trichromacy



Original Color

57.9371, 55.7001, 18.2873

Protanomaly

53.5407, 55.6610, 19.2310

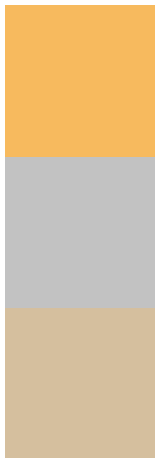
Deuteranomaly

57.0989, 55.5819, 18.3086

Tritanomaly

61.7365, 55.0825, 37.9500

Monochromacy



Original Color

57.9371, 55.7001, 18.2873

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.2429, 53.8764, 39.9934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9371, 55.7001, 18.2873 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(247, 186, 94)` looks like.

```
.text, #text, p{  
    color:rgb(247, 186, 94)  
}
```

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(247, 186, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 186, 94) }
```

Border

The CSS property to change the border of an element to XYZ 57.9371, 55.7001, 18.2873 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(247, 186, 94) }
```


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

```
.border{ border-color:rgb(247, 186, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 186, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 186, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 186, 94);  
box-shadow:4px 4px 4px 4px rgb(247, 186,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9371, 55.7001, 18.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 186, 94) }
```

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

```
.background{ background-color: rgb(247,  
186, 94) }
```

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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