

Converting Colors

XYZ(60.4334, 57.1331, 25.1828)

Have a look what the booklet for
XYZ(60.4334, 57.1331, 25.1828)
contains.

XYZ(60.5244, 57.1966, 25.3028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5244, 57.1966,
25.3028)**

Conversions

Conversions Part 1

Format	Color
Hex	FABB77
RGB	250, 187, 119
RGB Percent	98%, 73%, 47%
CMY	0.0196, 0.2666, 0.5333
CMYK	0.00, 0.25, 0.52, 0.02
HSL	31°, 93%, 72%
HSV	31°, 52%, 98%
XYZ	60.5244, 57.1966, 25.3028
YIQ	198.0850, 59.3760, -7.7920

Conversions

Conversions Part 2

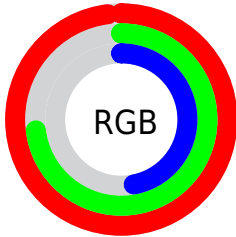
Format	Color
R _Y B	240, 250, 119
Decimal	16431991
CIE Lab	80.29, 15.12, 43.06
CIE LCh	80, 45.635, 70.650
Yxy	57.1966, 0.4232, 0.3999
Android (android.graphics.Color)	4294622071 (0xFFFABB77)
YUV	198.0850, -38.9889, 45.5295
Hunter-Lab	75.6284, 10.5013, 33.1034

Details

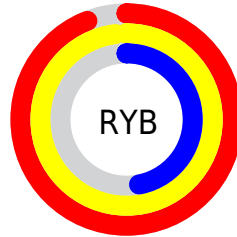
The XYZ color **60.5244, 57.1966, 25.3028** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5901, 44.2778, 96.7964**, and the grayscale version is **53.9338, 56.7426, 61.7927**.

A 20% lighter version of the original color is **80.7370, 88.3397, 51.8257**, and **31.0851, 28.5562, 9.5038** is the 20% darker color. If you saturate the color by 10%, you get **56.7717, 51.7862, 17.5937**, and if you desaturate by 10%, it is **64.8883, 63.1975, 35.1647**.

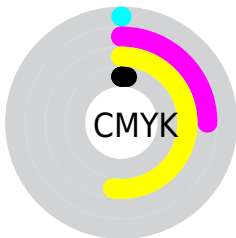
Distribution



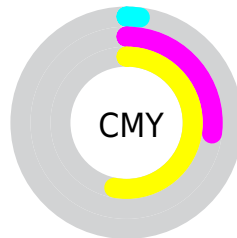
- Red (98%)
- Green (73%)
- Blue (47%)



- Red (94%)
- Yellow (98%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (52%)
- Black (2%)





- Cyan (2%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5244, 57.1966, 25.3028 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 60.5244, 57.1966, 25.3028 by changing the saturation by 10% instead.


 60.5244, 57.1966,
25.3028

 60.5244, 57.1966,
25.3028


416.3318,
414.1856, 292.8384


 44.0925, 41.1631,
16.0817


 104.6920,
100.7520, 53.1182

 30.9415, 28.4466,
9.4270


 133.1585,
129.0427, 72.5497

 20.7059, 18.6626,
4.9201


 166.3672,
162.1879, 96.2216

 13.0204, 11.4267,
2.1426

204.6835,
200.5720, 124.5527

 7.5197, 6.3546,
0.6409

248.4728,
244.5795, 157.9613

 3.8384, 3.0619,
0.0000

298.1003,

 1.6111, 1.1641,

294.5946, 196.8661

0.0000

353.9316,
351.0018, 241.6856

■ 0.3996, 0.0321,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5244, 57.1966,
25.3028

■ 60.5244, 57.1966,
25.3028

■ 56.7717, 51.7862,
17.5937

■ 64.8883, 63.1975,
35.1647

■ 53.5891, 46.9350,
11.8655

■ 69.8925, 69.8020,
47.3264

■ 50.9360, 42.6202,
7.9250

■ 75.5688, 77.0328,
61.9259

■ 48.7627, 38.8130,
5.5378

■ 81.9457, 84.9087,
79.0891

47.3778, 36.2313,
4.4963

89.0495, 93.4477,
98.9331

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



69.1353, 57.1966, 34.4554



60.5244, 57.1966, 25.3028



51.1166, 57.1966, 24.2127

Triad

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



60.5244, 57.1966, 25.3028



38.5762, 57.1966, 72.2585



66.9019, 57.1966, 109.9325

Complementary

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



60.5244, 57.1966, 25.3028



41.5901, 44.2778, 96.7964

Split Complementary

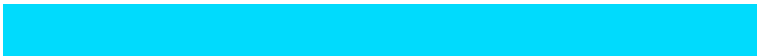
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.7454, 57.1966, 127.6112



60.5244, 57.1966, 25.3028



41.8619, 57.1966, 102.0806

Square

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



60.5244, 57.1966, 25.3028



39.1391, 57.1966, 46.7637



48.6358, 57.1966, 124.3856



73.0986, 57.1966, 80.8907

Rectangle

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



60.5244, 57.1966, 25.3028



45.7249, 57.1966, 27.7201



48.6358, 57.1966, 124.3856



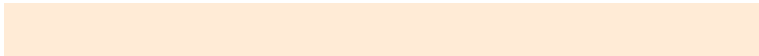
64.0272, 57.1966, 117.7305

Sweetspot

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



60.5258, 57.1994, 25.3039



83.2206, 85.7601, 75.9195



54.4975, 36.9085, 48.6799



17.5173, 17.9918, 15.4539



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.



60.5258, 57.1994, 25.3039



59.1465, 53.8152, 17.9422



76.1615, 89.6256, 30.7387



17.9901, 18.7160, 18.1268



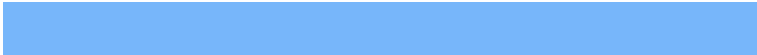
25.2759, 19.5084, 2.4333



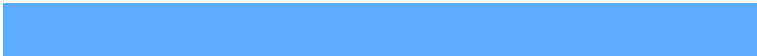
2.4472, 2.0192, 0.2608

Inverse Universe

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



41.5901, 44.2778, 96.7964



37.3789, 38.9718, 100.1600



31.7634, 24.1746, 93.4340



16.9718, 18.0204, 21.9691



12.8717, 11.0989, 49.4374



1.2977, 1.2390, 4.6139

Previews

White Background



This preview shows how the XYZ color 60.5244, 57.1966, 25.3028 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 60.5244, 57.1966, 25.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

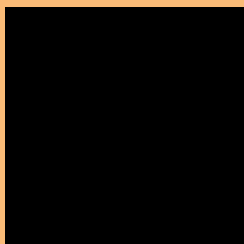
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5244, 57.1966, 25.3028

Background



This preview shows how black text looks on a background with the XYZ color 60.5244, 57.1966, 25.3028.



This preview shows how white text looks on a background with the XYZ color 60.5244, 57.1966,

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

60.5244, 57.1966, 25.3028

Protanopia

53.2058, 57.6692, 27.3958

Deuteranopia

58.3014, 57.0122, 25.0712



Tritanopia

66.8745, 57.3060, 57.4057

Trichromacy



Original Color

60.5244, 57.1966, 25.3028

Protanomaly

55.6611, 57.2583, 26.5307

Deuteranomaly

59.1238, 57.1157, 25.0478

Tritanomaly

64.0275, 57.0552, 43.2354

Monochromacy



Original Color

60.5244, 57.1966, 25.3028

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.0685, 56.1999, 45.4814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5244, 57.1966, 25.3028 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(250, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(250, 187, 119)  
}
```

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(250, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 187, 119) }
```

Border

The CSS property to change the border of an element to XYZ 60.5244, 57.1966, 25.3028 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(250, 187, 119) }
```


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

```
.border{ border-color:rgb(250, 187, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(250, 187,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5244, 57.1966, 25.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 187, 119) }
```

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

```
.background{ background-color: rgb(250,  
187, 119) }
```

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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