

Converting Colors

XYZ(57.3541, 57.6048, 20.4079)

Have a look what the booklet for
XYZ(57.3541, 57.6048, 20.4079)
contains.

XYZ(57.3541, 57.6048, 20.4079)	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(57.3541, 57.6048,
20.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C165
RGB	240, 193, 101
RGB Percent	94%, 76%, 40%
CMY	0.0588, 0.2431, 0.6039
CMYK	0.00, 0.20, 0.58, 0.06
HSL	40°, 82%, 67%
HSV	40°, 58%, 94%
XYZ	57.3541, 57.6048, 20.4079
YIQ	196.5650, 57.5440, -18.6480

Conversions

Conversions Part 2

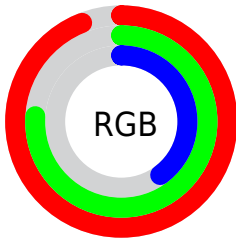
Format	Color
R _Y B	172, 240, 101
Decimal	15778149
CIE Lab	80.52, 6.49, 51.95
CIE LCh	81, 52.358, 82.880
Yxy	57.6048, 0.4237, 0.4255
Android (android.graphics.Color)	4293968229 (0xFFFF0C165)
YUV	196.5650, -47.1135, 38.0925
Hunter-Lab	75.8978, 2.0668, 37.1862

Details

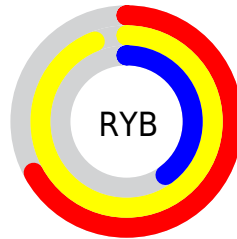
The XYZ color **57.3541, 57.6048, 20.4079** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.6845, 30.2366, 86.6039**, and the grayscale version is **53.0606, 55.8238, 60.7922**.

A 20% lighter version of the original color is **80.9484, 91.3445, 43.9367**, and **28.9885, 28.8017, 6.9371** is the 20% darker color. If you saturate the color by 10%, you get **54.6011, 53.7139, 14.5117**, and if you desaturate by 10%, it is **60.5516, 61.8354, 28.1470**.

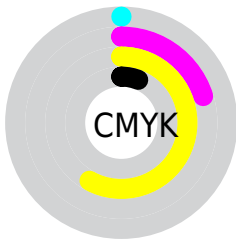
Distribution



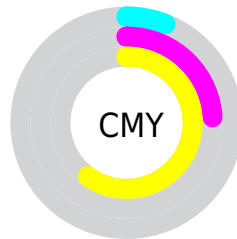
- Red (94%)
- Green (76%)
- Blue (40%)



- Red (67%)
- Yellow (94%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (58%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3541, 57.6048, 20.4079 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 57.3541, 57.6048, 20.4079 by changing the saturation by 10% instead.


 57.3541, 57.6048,
20.4079


 57.3541, 57.6048,
20.4079


404.7676,
415.7117, 266.7917


 41.5309, 41.4910,
12.5049


 100.1101,
101.3471, 44.9679


 28.9236, 28.7030,
6.9618


 127.7735,
129.7445, 62.4620

 19.1670, 18.8562,
3.3601

 160.1143,
163.0051, 83.9902

 11.8958, 11.5664,
1.2813

 197.4980,
201.5135, 109.9711

 6.7444, 6.4492,
0.0464

240.2898,
245.6539, 140.8231

 3.3477, 3.1201,
0.0000

288.8551,

 1.3402, 1.1947,

295.8108, 176.9649

0.0000

343.5592,
352.3686, 218.8149

■ 0.2130, 0.0574,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3541, 57.6048,
20.4079

■ 57.3541, 57.6048,
20.4079

■ 54.6011, 53.7139,
14.5117

■ 60.5516, 61.8354,
28.1470

■ 52.2560, 50.1390,
10.2921


■ 64.2181, 66.4113,
37.8689


■ 50.2824, 46.8650,
7.5583


■ 68.3809, 71.3480,
49.7040


■ 48.6288, 43.8689,
6.0482

■ 73.0638, 76.6574,
63.7703

 48.3088, 43.2729,
5.8063

 78.2889, 82.3507,
80.1773

 84.0770, 88.4383,
99.0271

 88.1100, 93.9952,
108.1067

 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.



68.1983, 57.6048, 26.3681



57.3541, 57.6048, 20.4079



47.1013, 57.6048, 22.4606

Triad

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



57.3541, 57.6048, 20.4079



37.8292, 57.6048, 88.6703



72.9442, 57.6048, 105.6631

Complementary

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



57.3541, 57.6048, 20.4079



31.6845, 30.2366, 86.6039

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.



63.1885, 57.6048, 134.6053



57.3541, 57.6048, 20.4079



43.1999, 57.6048, 122.7616

Square

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



57.3541, 57.6048, 20.4079



36.6942, 57.6048, 55.6661



52.2291, 57.6048, 141.7172



77.9323, 57.6048, 70.3499

Rectangle

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



57.3541, 57.6048, 20.4079



41.8555, 57.6048, 28.5727



52.2291, 57.6048, 141.7172



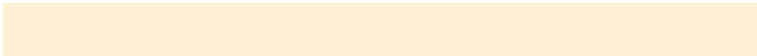
70.0570, 57.6048, 116.8752

Sweetspot

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



57.3555, 57.6076, 20.4090



84.3410, 88.5187, 74.6967



46.0659, 30.0239, 32.0745



17.8077, 18.6746, 15.2364



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.



57.3555, 57.6076, 20.4090



62.2835, 61.0860, 15.9148



62.7676, 78.3428, 24.1261



16.6467, 17.5065, 16.6514



26.5731, 23.9443, 3.2212



2.3022, 2.1751, 0.2985

Inverse Universe

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



31.6845, 30.2366, 86.6039



30.4442, 27.2157, 98.2563



28.3872, 19.7259, 84.7489



15.3340, 16.1021, 20.0214



10.3364, 6.8971, 45.9144



0.9486, 0.7511, 3.8492

Previews

White Background



This preview shows how the XYZ color 57.3541, 57.6048, 20.4079 looks on a white background.

Color Contrast Check

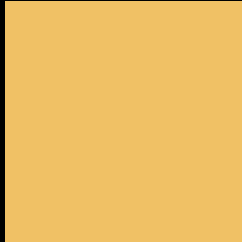
Large Text (above 18pt) WCAG AA × Fail

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 57.3541, 57.6048, 20.4079 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 57.3541, 57.6048, 20.4079

Background



This preview shows how black text looks on a background with the XYZ color 57.3541, 57.6048, 20.4079.



This preview shows how white text looks on a background with the XYZ color 57.3541, 57.6048,

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

57.3541, 57.6048, 20.4079

Protanopia

52.9213, 57.6600, 21.1722

Deuteranopia

59.0351, 57.8137, 20.6181



Tritanopia

65.4032, 57.3979, 59.8563

Trichromacy



Original Color

57.3541, 57.6048, 20.4079

Protanomaly

54.3594, 57.3858, 20.7819

Deuteranomaly

58.5561, 57.8917, 20.6583

Tritanomaly

61.6481, 57.1035, 41.4911

Monochromacy



Original Color

57.3541, 57.6048, 20.4079

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7021, 56.2346, 42.2064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3541, 57.6048, 20.4079 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, 193, 101)` looks like.

```
.text, #text, p{  
    color:rgb(240, 193, 101)  
}
```

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, 193, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 193, 101) }
```

Border

The CSS property to change the border of an element to XYZ 57.3541, 57.6048, 20.4079 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, 193, 101) }
```


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

```
.border{ border-color:rgb(240, 193, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 193, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 193, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 193, 101);  
box-shadow:4px 4px 4px 4px rgb(240, 193,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3541, 57.6048, 20.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 193, 101) }
```

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

```
.background{ background-color: rgb(240,  
193, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor