

Converting Colors

XYZ(57.9263, 54.5790, 22.3459)

Have a look what the booklet for
XYZ(57.9263, 54.5790, 22.3459)
contains.

XYZ(58.1057, 54.7669, 22.2604)	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(58.1057, 54.7669,
22.2604)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B76E
RGB	247, 183, 110
RGB Percent	97%, 72%, 43%
CMY	0.0314, 0.2823, 0.5686
CMYK	0.00, 0.26, 0.55, 0.03
HSL	32°, 90%, 70%
HSV	32°, 55%, 97%
XYZ	58.1057, 54.7669, 22.2604
YIQ	193.8140, 61.5770, -9.1350

Conversions

Conversions Part 2

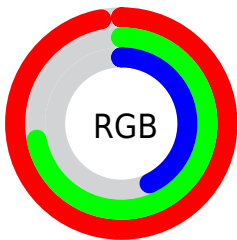
Format	Color
R _Y B	230, 247, 110
Decimal	16234350
CIE Lab	78.91, 15.27, 45.81
CIE LCh	79, 48.291, 71.560
Yxy	54.7669, 0.4300, 0.4053
Android (android.graphics.Color)	4294424430 (0xFFFF7B76E)
YUV	193.8140, -41.3203, 46.6441
Hunter-Lab	74.0047, 10.6434, 33.9690

Details

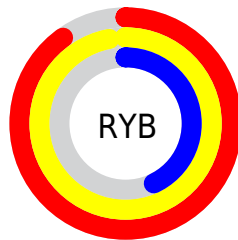
The XYZ color **58.1057, 54.7669, 22.2604** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.3542, 40.3007, 93.7526**, and the grayscale version is **51.3805, 54.0563, 58.8673**.

A 20% lighter version of the original color is **78.7174, 85.6373, 47.0311**, and **29.2918, 26.8563, 7.9149** is the 20% darker color. If you saturate the color by 10%, you get **54.6610, 49.7381, 15.3769**, and if you desaturate by 10%, it is **62.1229, 60.3412, 31.1846**.

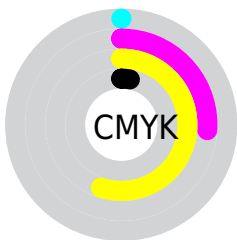
Distribution



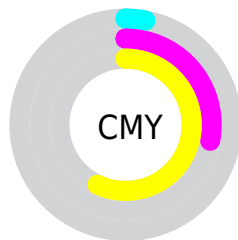
- Red (97%)
- Green (72%)
- Blue (43%)



- Red (90%)
- Yellow (97%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (55%)
- Black (3%)



- Cyan (3%)
- Magenta (28%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1057, 54.7669, 22.2604 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 58.1057, 54.7669, 22.2604 by changing the saturation by 10% instead.

58.1057, 54.7669,
22.2604

58.1057, 54.7669,
22.2604

407.5272,
405.0277, 276.9009

42.1372, 39.2151,
13.8482

101.1988, 97.1993,
48.0837

29.4003, 26.9271,
7.8776

129.0542,
124.8488, 66.3319

19.5297, 17.5185,
3.9301

161.6026,
157.2996, 88.6959

12.1599, 10.6049,
1.5871

199.2094,
194.9362, 115.5941

6.9256, 5.8018,
0.2816

242.2399,
238.1429, 147.4452

3.4616, 2.7249,
0.0000

291.0594,

1.4023, 0.9899,

287.3041, 184.6677

0.0000

346.0334,
342.8042, 227.6800

■ 0.2579, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1057, 54.7669,
22.2604

■ 58.1057, 54.7669,
22.2604

■ 54.6610, 49.7381,
15.3769

■ 62.1229, 60.3412,
31.1846

■ 51.7481, 45.2245,
10.3607


■ 66.7415, 66.4732,
42.2970


■ 49.3263, 41.2044,
7.0147


■ 71.9928, 73.1846,
55.7351


■ 47.3444, 37.6491,
5.0945

■ 77.9044, 80.4932,
71.6238

 46.5579, 36.1746,
4.5285

 84.5023, 88.4159,
90.0794

 91.2909, 96.7608,
108.4729

 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.



67.1025, 54.7669, 31.0165



58.1057, 54.7669, 22.2604



48.4466, 54.7669, 21.4211

Triad

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



58.1057, 54.7669, 22.2604



36.0018, 54.7669, 70.8503



65.2669, 54.7669, 108.5023

Complementary

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



58.1057, 54.7669, 22.2604



38.3542, 40.3007, 93.7526

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.



55.8367, 54.7669, 127.7532



58.1057, 54.7669, 22.2604



39.4429, 54.7669, 101.9620

Square

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



58.1057, 54.7669, 22.2604



36.4514, 54.7669, 44.4427



46.4383, 54.7669, 125.0478



71.5741, 54.7669, 77.9387

Rectangle

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



58.1057, 54.7669, 22.2604



42.9895, 54.7669, 25.0097



46.4383, 54.7669, 125.0478



62.3114, 54.7669, 116.8794

Sweetspot

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



58.1070, 54.7696, 22.2615



82.7166, 85.2699, 74.1552



51.7918, 34.0696, 45.0336



17.4234, 17.9060, 15.1083



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.



58.1070, 54.7696, 22.2615



58.2139, 52.6380, 15.5103



73.6324, 87.0085, 27.6659



17.2304, 17.9448, 17.3531



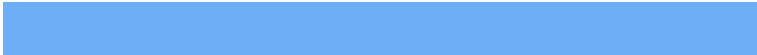
24.7667, 19.4190, 2.4429



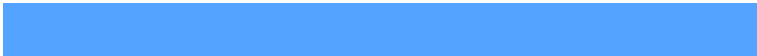
2.2796, 1.9124, 0.2490

Inverse Universe

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



38.3542, 40.3007, 93.7526



34.9871, 35.6468, 99.6443



29.0830, 21.3312, 90.5797



16.2193, 17.2029, 21.0082



12.2832, 10.3603, 47.8904



1.1814, 1.1143, 4.2430

Previews

White Background



This preview shows how the XYZ color 58.1057, 54.7669, 22.2604 looks on a white background.

Color Contrast Check

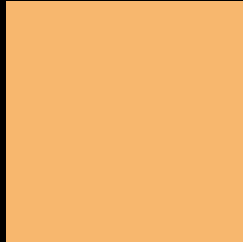
Large Text (above 18pt) WCAG AA × Fail

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 58.1057, 54.7669, 22.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

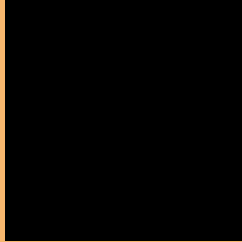
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1057, 54.7669, 22.2604

Background



This preview shows how black text looks on a background with the XYZ color 58.1057, 54.7669, 22.2604.



This preview shows how white text looks on a background with the XYZ color 58.1057, 54.7669,

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

58.1057, 54.7669, 22.2604

Protanopia

50.5660, 55.0138, 24.1733

Deuteranopia

56.1272, 54.9955, 22.1250



Tritanopia

64.6137, 54.7426, 54.1746

Trichromacy



Original Color

58.1057, 54.7669, 22.2604

Protanomaly

52.9755, 54.6226, 23.3739

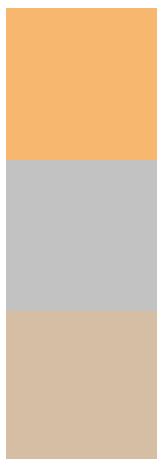
Deuteranomaly

56.9372, 55.0992, 22.1023

Tritanomaly

61.7638, 54.4567, 40.0568

Monochromacy



Original Color

58.1057, 54.7669, 22.2604

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.4649, 53.6174, 42.2343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1057, 54.7669, 22.2604 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, 183, 110)` looks like.

```
.text, #text, p{  
    color:rgb(247, 183, 110)  
}
```

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, 183, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 183, 110) }
```

Border

The CSS property to change the border of an element to XYZ 58.1057, 54.7669, 22.2604 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, 183, 110) }
```


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

```
.border{ border-color:rgb(247, 183, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 183, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 183, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 183, 110);  
box-shadow:4px 4px 4px 4px rgb(247, 183,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1057, 54.7669, 22.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 183, 110) }
```

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

```
.background{ background-color: rgb(247,  
183, 110) }
```

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