

Converting Colors

XYZ(62.6430, 58.2286, 45.0858)

Have a look what the booklet for
XYZ(62.6430, 58.2286, 45.0858)
contains.

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Color

**XYZ(62.7073, 58.2061,
44.9757)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BCA8
RGB	245, 188, 168
RGB Percent	96%, 74%, 66%
CMY	0.0392, 0.2627, 0.3412
CMYK	0.00, 0.23, 0.31, 0.04
HSL	16°, 79%, 81%
HSV	16°, 31%, 96%
XYZ	62.7073, 58.2061, 44.9757
YIQ	202.7630, 40.3920, 5.8640

Conversions

Conversions Part 2

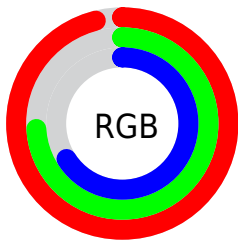
Format	Color
R _Y B	245, 195, 168
Decimal	16104616
CIE Lab	80.85, 17.80, 18.04
CIE LCh	81, 25.346, 45.378
Yxy	58.2061, 0.3780, 0.3509
Android (android.graphics.Color)	4294294696 (0xFFF5BCA8)
YUV	202.7630, -17.1382, 37.0418
Hunter-Lab	76.2929, 13.2016, 18.4528

Details

The XYZ color **62.7073, 58.2061, 44.9757** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5542, 68.7656, 96.5205**, and the grayscale version is **56.7037, 59.6567, 64.9662**.

A 20% lighter version of the original color is **86.9100, 91.2891, 82.8519**, and **32.3099, 29.1537, 20.4473** is the 20% darker color. If you saturate the color by 10%, you get **57.0029, 50.1122, 32.8545**, and if you desaturate by 10%, it is **69.3316, 67.4511, 59.5263**.

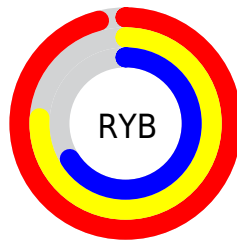
Distribution



Red (96%)

Green (74%)

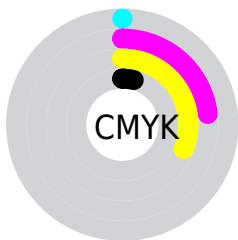
Blue (66%)



Red (96%)

Yellow (76%)

Blue (66%)

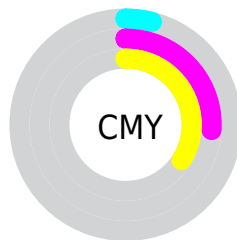


Cyan (0%)

Magenta (23%)

Yellow (31%)

Black (4%)



Cyan (4%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7073, 58.2061, 44.9757 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 62.7073, 58.2061, 44.9757 by changing the saturation by 10% instead.


 62.7073, 58.2061,
44.9757

 62.7073, 58.2061,
44.9757


424.1830,
417.9535, 382.8324

 45.8622, 41.9744,
31.0955


 107.8313,
102.2229, 84.0020

 32.3413, 29.0812,
20.4125


 136.8409,
130.7768, 109.9852

 21.7791, 19.1423,
12.5082


170.6361,
164.2069, 140.8397

 13.8104, 11.7731,
6.9640

209.5823,
202.8975, 176.9842

 8.0697, 6.5894,
3.3615

254.0446,
247.2330, 218.8372

 4.1918, 3.2067,
1.2821

304.3887,

 1.8112, 1.2406,

297.5980, 266.8172

0.0470

360.9797,
354.3767, 321.3427

0.5244, 0.0945,
0.0000

0.0000, 0.0000,
0.0000

62.7073, 58.2061,
44.9757

62.7073, 58.2061,
44.9757

57.0029, 50.1122,
32.8545

69.3316, 67.4511,
59.5263

52.1717, 43.1156,
23.0256

76.9107, 77.8820,
76.6258

48.1694, 37.1701,
15.3438

85.4829, 89.5423,
96.3904

44.9459, 32.2230,
9.6454

91.4662, 98.1525,
108.7323

■ 42.4451, 28.2168,
5.7428

■ 40.6019, 25.0872,
3.4119

■ 39.4701, 23.0402,
2.3669

Harmonies

Analogous

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



65.6187, 58.2061, 56.0278



62.7073, 58.2061, 44.9757



57.9061, 58.2061, 39.3533

Triad

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



62.7073, 58.2061, 44.9757



46.1346, 58.2061, 56.3670



58.0385, 58.2061, 95.4724

Complementary

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



62.7073, 58.2061, 44.9757



59.5542, 68.7656, 96.5205

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.



52.8182, 58.2061, 95.6018



62.7073, 58.2061, 44.9757



46.1651, 58.2061, 71.3413

Square

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



62.7073, 58.2061, 44.9757



48.4567, 58.2061, 45.1901



48.5427, 58.2061, 86.2153



62.8095, 58.2061, 85.8854

Rectangle

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



62.7073, 58.2061, 44.9757



54.3841, 58.2061, 38.7683



48.5427, 58.2061, 86.2153



56.2729, 58.2061, 96.6681

Sweetspot

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



62.7088, 58.2088, 44.9769



86.3908, 88.2454, 88.8610



65.3524, 52.8956, 78.5376



18.2097, 18.5038, 18.3752



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.



62.7088, 58.2088, 44.9769



64.4105, 57.7127, 40.1378



71.8528, 76.4968, 48.0249



16.8491, 17.1824, 17.2261



21.3580, 12.6016, 1.3067



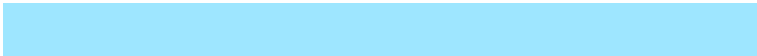
1.9572, 1.2675, 0.1415

Inverse Universe

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



59.5542, 68.7656, 96.5205



60.4183, 70.9954, 105.1268



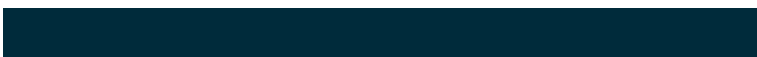
50.4539, 50.5649, 93.4871



16.6111, 17.9864, 21.1388



17.9369, 21.6675, 49.7749



1.6593, 2.0700, 4.4023

Previews

White Background



This preview shows how the XYZ color 62.7073, 58.2061, 44.9757 looks on a white background.

Color Contrast Check

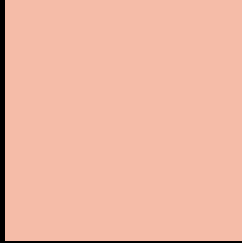
Large Text (above 18pt) WCAG AA × Fail

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 62.7073, 58.2061, 44.9757 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 62.7073, 58.2061, 44.9757

Background



This preview shows how black text looks on a background with the XYZ color 62.7073, 58.2061, 44.9757.



This preview shows how white text looks on a background with the XYZ color 62.7073, 58.2061,

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

62.7073, 58.2061, 44.9757

Protanopia

55.1582, 58.2134, 48.3736

Deuteranopia

59.3237, 58.0858, 44.6442



Tritanopia

66.0449, 58.3147, 61.2010

Trichromacy



Original Color

62.7073, 58.2061, 44.9757

Protanomaly

57.6177, 58.1464, 47.2163

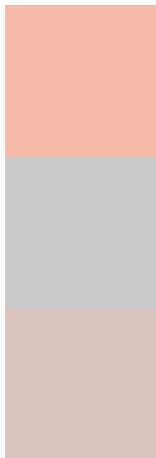
Deuteranomaly

60.5309, 58.0561, 44.5749

Tritanomaly

64.6764, 58.0599, 54.8116

Monochromacy



Original Color

62.7073, 58.2061, 44.9757

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.4018, 59.0113, 57.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7073, 58.2061, 44.9757 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, 188, 168)` looks like.

```
.text, #text, p{  
    color:rgb(245, 188, 168)  
}
```

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, 188, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 188, 168) }
```

Border

The CSS property to change the border of an element to XYZ 62.7073, 58.2061, 44.9757 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, 188, 168) }
```


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

```
.border{ border-color:rgb(245, 188, 168) }
```

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

Here you see how a box with a 4 pixel rgb(245, 188, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 188, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 188, 168);  
box-shadow:4px 4px 4px 4px rgb(245, 188,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7073, 58.2061, 44.9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 188, 168) }
```

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

```
.background{ background-color: rgb(245,  
188, 168) }
```

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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