

Converting Colors

XYZ(57.7465, 55.5776, 48.0576)

Have a look what the booklet for
XYZ(57.7465, 55.5776, 48.0576)
contains.

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Color

**XYZ(57.7160, 55.5556,
48.2388)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BCAF
RGB	228, 188, 175
RGB Percent	89%, 74%, 69%
CMY	0.1059, 0.2627, 0.3137
CMYK	0.00, 0.18, 0.23, 0.11
HSL	15°, 50%, 79%
HSV	15°, 23%, 89%
XYZ	57.7160, 55.5556, 48.2388
YIQ	198.4780, 28.0130, 4.4370

Conversions

Conversions Part 2

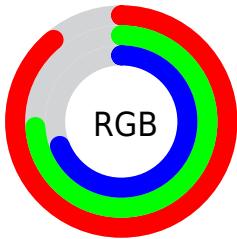
Format	Color
R _Y B	228, 192, 175
Decimal	14990511
CIE Lab	79.36, 12.37, 11.95
CIE LCh	79, 17.197, 44.005
Yxy	55.5556, 0.3574, 0.3440
Android (android.graphics.Color)	4293180591 (0xFFE4BCAF)
YUV	198.4780, -11.5747, 25.8908
Hunter-Lab	74.5356, 7.7825, 13.8030

Details

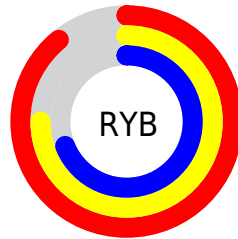
The XYZ color **57.7160, 55.5556, 48.2388** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.9826, 63.3145, 82.6694**, and the grayscale version is **54.0250, 56.8385, 61.8972**.

A 20% lighter version of the original color is **88.0145, 91.7309, 88.6683**, and **29.2524, 27.5287, 22.5107** is the 20% darker color. If you saturate the color by 10%, you get **52.2042, 47.8180, 36.2707**, and if you desaturate by 10%, it is **64.0471, 64.3259, 62.3466**.

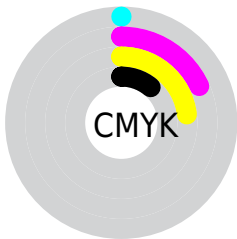
Distribution



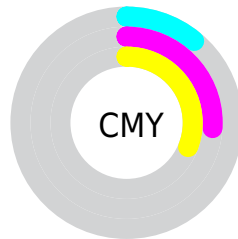
- Red (89%)
- Green (74%)
- Blue (69%)



- Red (89%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7160, 55.5556, 48.2388 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 57.7160, 55.5556, 48.2388 by changing the saturation by 10% instead.


 57.7160, 55.5556,
48.2388

 57.7160, 55.5556,
48.2388


406.0978,
408.0146, 396.2739

 41.8227, 39.8467,
33.6547


 100.6345, 98.3545,
88.9291

 29.1530, 27.4191,
22.3532


128.3905,
126.2134, 115.8724

 19.3415, 17.8882,
13.9159


160.8314,
158.8910, 147.7725

 12.0227, 10.8698,
7.9241

198.3227,
196.7718, 185.0479

 6.8315, 5.9793,
3.9593

241.2296,
240.2401, 228.1172

 3.4023, 2.8325,
1.6031

289.9175,

 1.3699, 1.0449,

289.6805, 277.3989

0.2930

344.7518,
345.4771, 333.3117

■ 0.2346, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7160, 55.5556,
48.2388

■ 57.7160, 55.5556,
48.2388

■ 52.2042, 47.8180,
36.2707

■ 64.0471, 64.3259,
62.3466

■ 47.4730, 41.0673,
26.3337

■ 71.2253, 74.1576,
78.6885

■ 43.4870, 35.2653,
18.3151

■ 79.2825, 85.0876,
97.3573

■ 40.2061, 30.3683,
12.0893

■ 85.8050, 95.2340,
108.4673

■ 37.5865, 26.3293,
7.5161

■ 35.5787, 23.0964,
4.4336

■ 34.1251, 20.6117,
2.6469

■ 33.4065, 19.3170,
1.9678

Harmonies

Analogous

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



59.4992, 55.5556, 56.0122



57.7160, 55.5556, 48.2388



54.6513, 55.5556, 44.0172

Triad

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



57.7160, 55.5556, 48.2388



46.6856, 55.5556, 55.4096



54.4242, 55.5556, 80.8400

Complementary

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



57.7160, 55.5556, 48.2388



55.9826, 63.3145, 82.6694

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.



50.9986, 55.5556, 80.6333



57.7160, 55.5556, 48.2388



46.6307, 55.5556, 65.2016

Square

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



57.7160, 55.5556, 48.2388



48.3320, 55.5556, 47.8392



48.1788, 55.5556, 74.6589



57.5435, 55.5556, 75.1963

Rectangle

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



57.7160, 55.5556, 48.2388



52.3423, 55.5556, 43.4626



48.1788, 55.5556, 74.6589



53.2682, 55.5556, 81.4700

Sweetspot

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



57.7175, 55.5581, 48.2400



88.1604, 90.6079, 93.0782



59.6727, 52.0935, 71.6279



18.7484, 19.2275, 19.6454



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.



57.7175, 55.5581, 48.2400



70.7643, 66.5329, 54.2403



63.7461, 67.6153, 50.2495



14.6628, 14.9395, 15.0152



19.3682, 11.3106, 1.1623



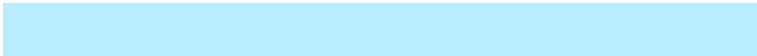
1.5030, 0.9794, 0.1098

Inverse Universe

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



55.9826, 63.3145, 82.6694



68.1450, 78.2081, 106.1118



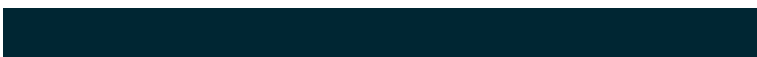
49.9097, 51.1687, 80.6451



14.4922, 15.7058, 18.4120



16.7086, 20.4793, 45.4554



1.3063, 1.6565, 3.3829

Previews

White Background



This preview shows how the XYZ color 57.7160, 55.5556, 48.2388 looks on a white background.

Color Contrast Check

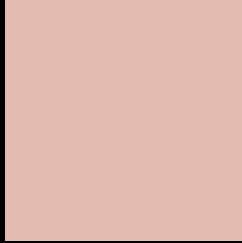
Large Text (above 18pt) WCAG AA × Fail

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 57.7160, 55.5556, 48.2388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

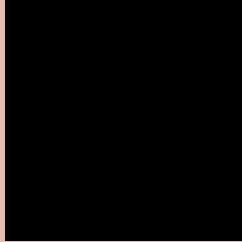
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7160, 55.5556, 48.2388

Background



This preview shows how black text looks on a background with the XYZ color 57.7160, 55.5556, 48.2388.



This preview shows how white text looks on a background with the XYZ color 57.7160, 55.5556,

48.2388.

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

57.7160, 55.5556, 48.2388

Protanopia

52.7785, 55.5719, 50.5926

Deuteranopia

56.8918, 55.7694, 48.3235



Tritanopia

60.4043, 55.3934, 61.5412

Trichromacy



Original Color

57.7160, 55.5556, 48.2388

Protanomaly

54.5464, 55.5004, 49.9572

Deuteranomaly

56.9868, 55.4979, 48.2661

Tritanomaly

59.2764, 55.2386, 56.2531

Monochromacy



Original Color

57.7160, 55.5556, 48.2388

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8805, 55.8566, 56.6041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7160, 55.5556, 48.2388 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(228, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(228, 188, 175)  
}
```

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(228, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 188, 175) }
```

Border

The CSS property to change the border of an element to XYZ 57.7160, 55.5556, 48.2388 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(228, 188, 175) }
```


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

```
.border{ border-color:rgb(228, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(228, 188,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7160, 55.5556, 48.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 188, 175) }
```

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

```
.background{ background-color: rgb(228,  
188, 175) }
```

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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