

Converting Colors

XYZ(55.2057, 58.6790, 28.4966)

Have a look what the booklet for
XYZ(55.2057, 58.6790, 28.4966)
contains.

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Color

**XYZ(55.2255, 58.6882,
28.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C87F
RGB	224, 200, 127
RGB Percent	88%, 78%, 50%
CMY	0.1216, 0.2157, 0.5020
CMYK	0.00, 0.11, 0.43, 0.12
HSL	45°, 61%, 69%
HSV	45°, 43%, 88%
XYZ	55.2255, 58.6882, 28.4959
YIQ	198.8540, 37.7370, -17.6150

Conversions

Conversions Part 2

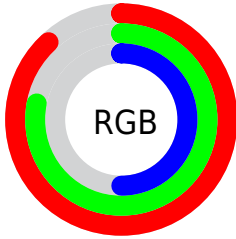
Format	Color
RYB	159, 224, 127
Decimal	14731391
CIELab	81.12, -1.40, 39.52
CIElCh	81, 39.543, 92.022
Yxy	58.6882, 0.3878, 0.4121
Android (android.graphics.Color)	4292921471 (0xFFE0C87F)
YUV	198.8540, -35.4240, 22.0530
Hunter-Lab	76.6082, -5.3869, 31.5717

Details

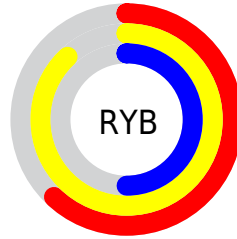
The XYZ color **55.2255, 58.6882, 28.4959** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.2732, 32.0259, 74.9487**, and the grayscale version is **54.3917, 57.2243, 62.3173**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **27.5197, 29.2951, 11.0415** is the 20% darker color. If you saturate the color by 10%, you get **52.6652, 55.6499, 21.2234**, and if you desaturate by 10%, it is **58.1597, 61.9548, 37.4955**.

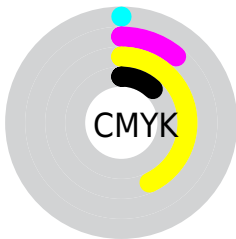
Distribution



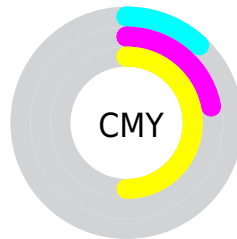
- Red (88%)
- Green (78%)
- Blue (50%)



- Red (62%)
- Yellow (88%)
- Blue (50%)



- Cyan (0%)
- Magenta (11%)
- Yellow (43%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2255, 58.6882, 28.4959 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 55.2255, 58.6882, 28.4959 by changing the saturation by 10% instead.

■ 55.2255, 58.6882,
28.4959

■ 55.2255, 58.6882,
28.4959

396.8887,
419.7455, 308.8151

■ 39.8169, 42.3622,
18.4575

■ 97.0177, 102.9244,
58.3078

■ 27.5793, 29.3850,
11.1061

■ 124.1319,
131.6033, 78.9184

■ 18.1476, 19.3722,
6.0232

■ 155.8787,
165.1686, 103.8902

■ 11.1564, 11.9396,
2.7902

192.6234,
204.0048, 133.6416

■ 6.2402, 6.7025,
0.9885

234.7314,
248.4961, 168.5913

■ 3.0337, 3.2768,
0.0000

282.5681,

■ 1.1716, 1.2779,

299.0271, 209.1577

0.0000

336.4987,
355.9821, 255.7595

■ 0.0838, 0.1240,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2255, 58.6882,
28.4959

■ 55.2255, 58.6882,
28.4959

■ 52.6652, 55.6499,
21.2234

■ 58.1597, 61.9548,
37.4955

■ 50.4523, 52.8221,
15.5596


■ 61.4839, 65.4504,
48.3228


■ 48.5634, 50.1967,
11.3770


■ 65.2180, 69.1859,
61.0748

■ 46.9697, 47.7614,
8.5269


■ 69.3794, 73.1691,
75.8409


 45.6365, 45.5016,
6.8294


 73.9845, 77.4071,
92.7045

 44.8522, 44.0709,
6.1426

 78.0006, 81.4877,
106.2254

 79.5962, 84.6789,
106.7572

 81.2415, 87.9695,
107.3057

 82.9370, 91.3605,
107.8708

Harmonies

Analogous

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



63.5307, 58.6882, 31.6794



55.2255, 58.6882, 28.4959



47.8124, 58.6882, 32.6905

Triad

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



55.2255, 58.6882, 28.4959



43.4238, 58.6882, 91.0377



70.9383, 58.6882, 87.5796

Complementary

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



55.2255, 58.6882, 28.4959



33.2732, 32.0259, 74.9487

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.



64.5900, 58.6882, 110.4826



55.2255, 58.6882, 28.4959



48.6893, 58.6882, 112.7995

Square

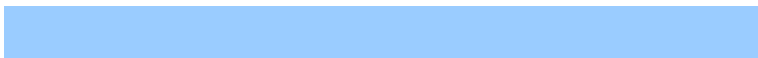
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.2255, 58.6882, 28.4959



41.4282, 58.6882, 65.5121



56.3410, 58.6882, 120.6623



73.1172, 58.6882, 62.3174

Rectangle

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



55.2255, 58.6882, 28.4959



44.2259, 58.6882, 39.8955



56.3410, 58.6882, 120.6623



69.1923, 58.6882, 96.0040

Sweetspot

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



55.2269, 58.6909, 28.4971



87.6043, 92.9251, 82.3210



43.9364, 33.2691, 33.4912



18.5015, 19.6449, 16.7542



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.



55.2269, 58.6909, 28.4971



70.9520, 75.0237, 29.2840



54.2393, 67.0885, 30.1701



14.5696, 15.4252, 14.5162



26.2024, 25.8427, 3.6071



1.8853, 1.9295, 0.2731

Inverse Universe

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



33.2732, 32.0259, 74.9487



37.8875, 34.8963, 99.3465



33.8534, 27.1645, 73.9798



13.2261, 13.7913, 17.3526



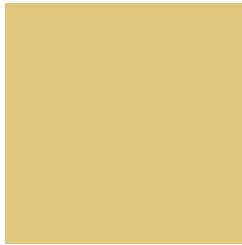
8.7146, 4.8987, 41.5346



0.6741, 0.4797, 2.9023

Previews

White Background



This preview shows how the XYZ color 55.2255, 58.6882, 28.4959 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 55.2255, 58.6882, 28.4959 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 55.2255, 58.6882, 28.4959

Background



This preview shows how black text looks on a background with the XYZ color 55.2255, 58.6882, 28.4959.



This preview shows how white text looks on a background with the XYZ color 55.2255, 58.6882,

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

55.2255, 58.6882, 28.4959

Protanopia

54.5320, 59.0152, 28.9390

Deuteranopia

59.9946, 58.7796, 28.9524



Tritanopia

62.7116, 58.3905, 65.7228

Trichromacy



Original Color

55.2255, 58.6882, 28.4959

Protanomaly

54.6017, 58.7040, 28.8753

Deuteranomaly

58.2283, 58.8712, 28.7164

Tritanomaly

59.5407, 58.4159, 49.7322

Monochromacy



Original Color

55.2255, 58.6882, 28.4959

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9787, 57.2739, 47.7451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2255, 58.6882, 28.4959 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(224, 200, 127)` looks like.

```
.text, #text, p{  
    color:rgb(224, 200, 127)  
}
```

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(224, 200, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 200, 127) }
```

Border

The CSS property to change the border of an element to XYZ 55.2255, 58.6882, 28.4959 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(224, 200, 127) }
```


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

```
.border{ border-color:rgb(224, 200, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 200, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 200, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 200, 127);  
box-shadow:4px 4px 4px 4px rgb(224, 200,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2255, 58.6882, 28.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 200, 127) }
```

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

```
.background{ background-color: rgb(224,  
200, 127) }
```

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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