

Converting Colors

XYZ(55.7596, 56.8763, 28.0535)

Have a look what the booklet for
XYZ(55.7596, 56.8763, 28.0535)
contains.

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Color

**XYZ(55.7557, 56.9389,
28.1303)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C27F
RGB	230, 194, 127
RGB Percent	90%, 76%, 50%
CMY	0.0980, 0.2392, 0.5020
CMYK	0.00, 0.16, 0.45, 0.10
HSL	39°, 67%, 70%
HSV	39°, 45%, 90%
XYZ	55.7557, 56.9389, 28.1303
YIQ	197.1260, 42.9630, -13.2050

Conversions

Conversions Part 2

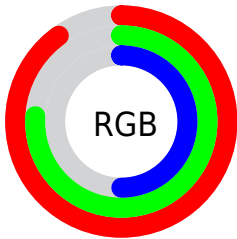
Format	Color
RYB	182, 230, 127
Decimal	15123071
CIELab	80.15, 4.14, 38.39
CIELCh	80, 38.610, 83.849
Yxy	56.9389, 0.3959, 0.4043
Android (android.graphics.Color)	4293313151 (0xFFE6C27F)
YUV	197.1260, -34.5721, 28.8305
Hunter-Lab	75.4579, -0.1579, 30.7175

Details

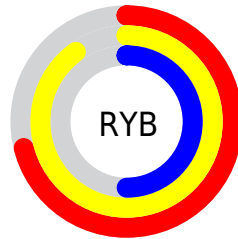
The XYZ color **55.7557, 56.9389, 28.1303** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.1320, 36.4182, 79.9879**, and the grayscale version is **53.3324, 56.1099, 61.1036**.

A 20% lighter version of the original color is **83.7661, 92.9674, 57.2456**, and **28.0630, 28.4558, 10.8509** is the 20% darker color. If you saturate the color by 10%, you get **52.6841, 52.9270, 20.5364**, and if you desaturate by 10%, it is **59.2690, 61.2866, 37.5607**.

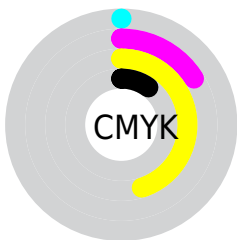
Distribution



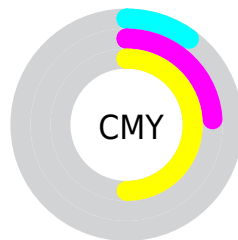
- Red (90%)
- Green (76%)
- Blue (50%)



- Red (71%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7557, 56.9389, 28.1303 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 55.7557, 56.9389, 28.1303 by changing the saturation by 10% instead.

■ 55.7557, 56.9389,
28.1303

■ 55.7557, 56.9389,
28.1303

398.8602,
413.2203, 307.0205

■ 40.2433, 40.9562,
18.1840

■ 97.7892, 100.3760,
57.7180

■ 27.9134, 28.2849,
10.9114

■ 125.0410,
128.5992, 78.1965

■ 18.4005, 18.5405,
5.8938

■ 156.9366,
161.6714, 103.0228

■ 11.3393, 11.3387,
2.7129

193.8415,
199.9769, 132.6155

■ 6.3645, 6.2952,
0.9499

236.1209,
243.9002, 167.3930

■ 3.1107, 3.0254,
0.0000

284.1403,

■ 1.2126, 1.1450,

293.8255, 207.7740

0.0000

338.2649,
350.1375, 254.1770

■ 0.1163, 0.0161,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7557, 56.9389,
28.1303

■ 55.7557, 56.9389,
28.1303

■ 52.6841, 52.9270,
20.5364

■ 59.2690, 61.2866,
37.5607

■ 50.0250, 49.2303,
14.6508


■ 63.2428, 65.9735,
48.9370


■ 47.7516, 45.8379,
10.3341


■ 67.6993, 71.0131,
62.3644

■ 45.8314, 42.7341,
7.4232


■ 72.6584, 76.4154,
77.9393

 44.2250, 39.9007,
5.7186

 78.1385, 82.1901,
95.7518

 43.4795, 38.5158,
5.1427

 82.5042, 87.6853,
107.1843

 84.9524, 92.5817,
108.0003

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



63.5412, 56.9389, 33.1836



55.7557, 56.9389, 28.1303



48.2303, 56.9389, 30.2167

Triad

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



55.7557, 56.9389, 28.1303



41.4295, 56.9389, 81.2135



67.2744, 56.9389, 91.2240

Complementary

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



55.7557, 56.9389, 28.1303



36.1320, 36.4182, 79.9879

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.



60.4679, 56.9389, 110.6576



55.7557, 56.9389, 28.1303



45.6770, 56.9389, 103.9672

Square

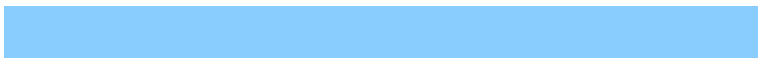
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.7557, 56.9389, 28.1303



40.4297, 56.9389, 57.4700



52.5141, 56.9389, 115.8114



70.5938, 56.9389, 66.7553

Rectangle

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



55.7557, 56.9389, 28.1303



44.3017, 56.9389, 35.7095



52.5141, 56.9389, 115.8114



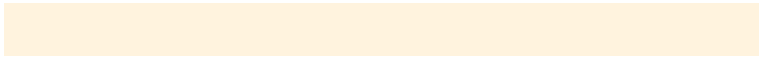
65.2883, 56.9389, 98.7792

Sweetspot

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



55.7571, 56.9416, 28.1315



86.5797, 90.8760, 81.9795



46.8382, 34.6484, 38.8936



18.2473, 19.1365, 16.6695



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.



55.7571, 56.9416, 28.1315



66.7521, 67.1185, 26.3592



60.0201, 72.5050, 30.9108



15.1555, 15.9249, 15.1795



24.7344, 22.0429, 2.9511



1.9140, 1.8014, 0.2468

Inverse Universe

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



36.1320, 36.4182, 79.9879



38.9577, 38.0851, 99.9056



33.1055, 26.6832, 78.2683



13.9927, 14.7068, 18.2455



9.8295, 6.7211, 43.1624



0.8110, 0.6659, 3.2178

Previews

White Background



This preview shows how the XYZ color 55.7557, 56.9389, 28.1303 looks on a white background.

Color Contrast Check

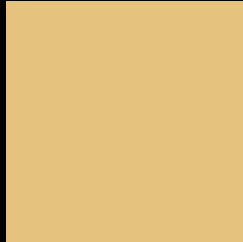
Large Text (above 18pt) WCAG AA × Fail

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 55.7557, 56.9389, 28.1303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

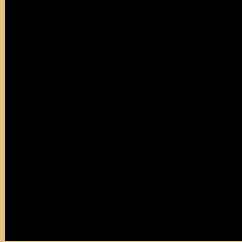
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7557, 56.9389, 28.1303

Background



This preview shows how black text looks on a background with the XYZ color 55.7557, 56.9389, 28.1303.



This preview shows how white text looks on a background with the XYZ color 55.7557, 56.9389,

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

55.7557, 56.9389, 28.1303

Protanopia

52.7048, 57.0308, 28.9991

Deuteranopia

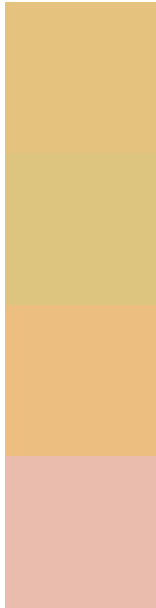
58.2449, 56.9107, 28.3371



Tritanopia

62.5828, 56.8260, 61.7029

Trichromacy



Original Color

55.7557, 56.9389, 28.1303

Protanomaly

53.6813, 56.8632, 28.5685

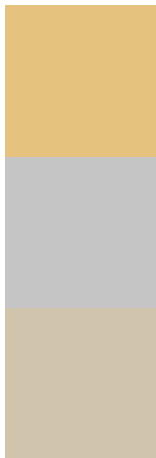
Deuteranomaly

57.1192, 56.6530, 28.3467

Tritanomaly

59.4577, 56.4760, 47.3024

Monochromacy



Original Color

55.7557, 56.9389, 28.1303

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.4808, 56.0137, 47.0227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7557, 56.9389, 28.1303 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(230, 194, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 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(230, 194, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 127) }
```

Border

The CSS property to change the border of an element to XYZ 55.7557, 56.9389, 28.1303 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(230, 194, 127) }
```


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

```
.border{ border-color:rgb(230, 194, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 194, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 194, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 194, 127); box-shadow:4px 4px 4px 4px rgb(230, 194, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7557, 56.9389, 28.1303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 127) }
```

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

```
.background{ background-color: rgb(230,  
194, 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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