

Converting Colors

XYZ(54.5327, 56.6813, 28.3204)

Have a look what the booklet for
XYZ(54.5327, 56.6813, 28.3204)
contains.

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Color

**XYZ(54.4627, 56.5963,
28.4758)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C380
RGB	225, 195, 128
RGB Percent	88%, 76%, 50%
CMY	0.1176, 0.2353, 0.4980
CMYK	0.00, 0.13, 0.43, 0.12
HSL	41°, 62%, 69%
HSV	41°, 43%, 88%
XYZ	54.4627, 56.5963, 28.4758
YIQ	196.3320, 39.3870, -14.4770

Conversions

Conversions Part 2

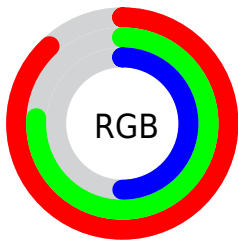
Format	Color
RYB	171, 225, 128
Decimal	14795648
CIELab	79.95, 1.71, 37.54
CIELCh	80, 37.574, 87.393
Yxy	56.5963, 0.3903, 0.4056
Android (android.graphics.Color)	4292985728 (0xFFE1C380)
YUV	196.3320, -33.6877, 25.1418
Hunter-Lab	75.2305, -2.4293, 30.2193

Details

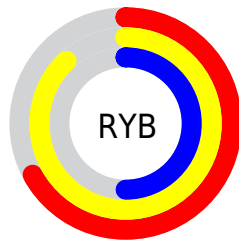
The XYZ color **54.4627, 56.5963, 28.4758** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.7191, 34.4779, 76.0589**, and the grayscale version is **52.8494, 55.6017, 60.5502**.

A 20% lighter version of the original color is **84.1807, 93.6318, 57.8919**, and **27.1610, 28.2067, 11.0341** is the 20% darker color. If you saturate the color by 10%, you get **51.6205, 53.0249, 21.0145**, and if you desaturate by 10%, it is **57.7087, 60.4496, 37.6930**.

Distribution



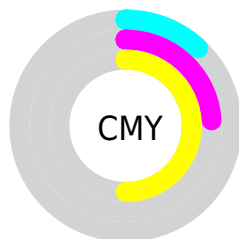
- Red (88%)
- Green (76%)
- Blue (50%)



- Red (67%)
- Yellow (88%)
- Blue (50%)



- Cyan (0%)
- Magenta (13%)
- Yellow (43%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4627, 56.5963, 28.4758 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 54.4627, 56.5963, 28.4758 by changing the saturation by 10% instead.

■ 54.4627, 56.5963,
28.4758

■ 54.4627, 56.5963,
28.4758

394.0416,
411.9349, 308.7167

■ 39.2038, 40.6812,
18.4425

■ 95.9062, 99.8759,
58.2754

■ 27.0998, 28.0701,
11.0954

■ 122.8216,
128.0092, 78.8788

■ 17.7852, 18.3785,
6.0161

■ 154.3531,
160.9840, 103.8425

■ 10.8946, 11.2221,
2.7859

190.8663,
199.1848, 133.5853

■ 6.0628, 6.2164,
0.9864

232.7263,
242.9958, 168.5255

■ 2.9243, 2.9771,
0.0000

280.2987,

■ 1.1139, 1.1198,

292.8016, 209.0818

0.0000

333.9486,
348.9865, 255.6727

■ 0.0367, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4627, 56.5963,
28.4758

■ 54.4627, 56.5963,
28.4758

■ 51.6205, 53.0249,
21.0145

■ 57.7087, 60.4496,
37.6930

■ 49.1550, 49.7168,
15.1896


■ 61.3753, 64.5868,
48.7679


■ 47.0420, 46.6628,
10.8724


■ 65.4832, 69.0198,
61.7987


■ 45.2521, 43.8494,
7.9127


■ 70.0502, 73.7572,
76.8756


 43.7498, 41.2609,
6.1292


 75.0934, 78.8073,
94.0831

 42.8434, 39.5919,
5.3839

 79.3133, 83.6517,
106.5739

 81.3642, 87.7534,
107.2575

 83.4941, 92.0132,
107.9675

 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



62.0867, 56.5963, 32.5889



54.4627, 56.5963, 28.4758



47.3256, 56.5963, 31.3559

Triad

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



54.4627, 56.5963, 28.4758



41.7976, 56.5963, 83.0313



67.1127, 56.5963, 87.1324

Complementary

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



54.4627, 56.5963, 28.4758



34.7191, 34.4779, 76.0589

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.



60.8244, 56.5963, 106.9272



54.4627, 56.5963, 28.4758



46.2730, 56.5963, 104.1931

Square

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



54.4627, 56.5963, 28.4758



40.4361, 56.5963, 59.7336



53.1290, 56.5963, 113.8053



69.8085, 56.5963, 63.5534

Rectangle

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



54.4627, 56.5963, 28.4758



43.7077, 56.5963, 37.3454



53.1290, 56.5963, 113.8053



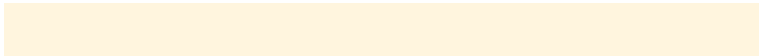
65.3215, 56.5963, 94.6429

Sweetspot

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



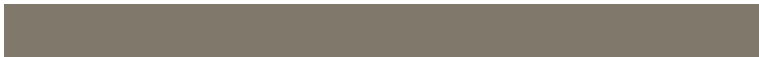
54.4641, 56.5989, 28.4770



86.9813, 91.6791, 82.1133



45.0042, 33.9398, 36.8518



18.3469, 19.3356, 16.7027



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.



54.4641, 56.5989, 28.4770



68.8236, 70.7668, 28.5745



56.6143, 68.7055, 30.7004



14.4955, 15.2769, 14.4915



24.7967, 23.0312, 3.1385



1.7972, 1.7533, 0.2437

Inverse Universe

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



34.7191, 34.4779, 76.0589



39.3016, 37.7245, 99.8179



33.1259, 26.9664, 74.6930



13.2961, 13.9312, 17.3759



9.1697, 5.8090, 41.6863



0.7134, 0.5583, 2.9154

Previews

White Background



This preview shows how the XYZ color 54.4627, 56.5963, 28.4758 looks on a white background.

Color Contrast Check

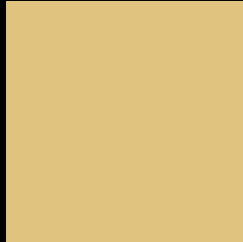
Large Text (above 18pt) WCAG AA × Fail

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 54.4627, 56.5963, 28.4758 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 54.4627, 56.5963, 28.4758

Background



This preview shows how black text looks on a background with the XYZ color 54.4627, 56.5963, 28.4758.



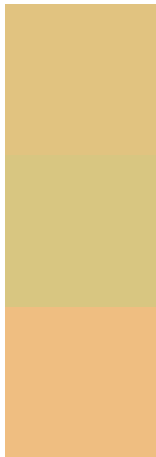
This preview shows how white text looks on a background with the XYZ color 54.4627, 56.5963,

28.4758.

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

54.4627, 56.5963, 28.4758

Protanopia

52.4754, 56.5721, 28.9226

Deuteranopia

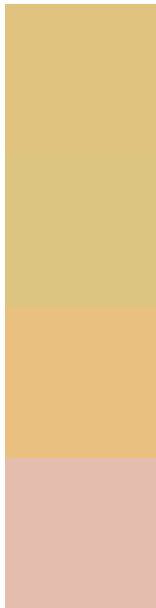
57.9725, 56.7626, 28.6697



Tritanopia

61.2629, 56.4437, 62.3094

Trichromacy



Original Color

54.4627, 56.5963, 28.4758

Protanomaly

53.1421, 56.5776, 28.8885

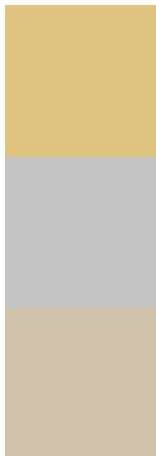
Deuteranomaly

56.7438, 56.7767, 28.7372

Tritanomaly

58.1507, 56.1092, 47.8097

Monochromacy



Original Color

54.4627, 56.5963, 28.4758

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8227, 55.6855, 46.4924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4627, 56.5963, 28.4758 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(225, 195, 128)` looks like.

```
.text, #text, p{  
    color:rgb(225, 195, 128)  
}
```

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(225, 195, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 195, 128) }
```

Border

The CSS property to change the border of an element to XYZ 54.4627, 56.5963, 28.4758 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(225, 195, 128) }
```


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

```
.border{ border-color:rgb(225, 195, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 195, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 195, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 195, 128);  
box-shadow:4px 4px 4px 4px rgb(225, 195,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4627, 56.5963, 28.4758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 195, 128) }
```

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

```
.background{ background-color: rgb(225,  
195, 128) }
```

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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