

Converting Colors

XYZ(54.6035, 55.9014, 29.1953)

Have a look what the booklet for
XYZ(54.6035, 55.9014, 29.1953)
contains.

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Color

**XYZ(54.7778, 56.0825,
29.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C182
RGB	227, 193, 130
RGB Percent	89%, 76%, 51%
CMY	0.1098, 0.2431, 0.4902
CMYK	0.00, 0.15, 0.43, 0.11
HSL	39°, 63%, 70%
HSV	39°, 43%, 89%
XYZ	54.7778, 56.0825, 29.0570
YIQ	195.9840, 40.4870, -12.3850

Conversions

Conversions Part 2

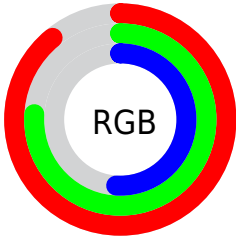
Format	Color
RYB	182, 227, 130
Decimal	14926210
CIELab	79.66, 3.76, 36.17
CIElCh	80, 36.364, 84.059
Yxy	56.0825, 0.3915, 0.4008
Android (android.graphics.Color)	4293116290 (0xFFE3C182)
YUV	195.9840, -32.5301, 27.2010
Hunter-Lab	74.8883, -0.4887, 29.4170

Details

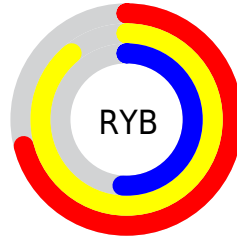
The XYZ color **54.7778, 56.0825, 29.0570** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.3461, 36.8416, 77.8685**, and the grayscale version is **52.6329, 55.3739, 60.3022**.

A 20% lighter version of the original color is **83.7674, 92.4721, 58.7813**, and **27.3669, 27.8667, 11.3336** is the 20% darker color. If you saturate the color by 10%, you get **51.7078, 52.1178, 21.3278**, and if you desaturate by 10%, it is **58.2813, 60.3762, 38.5901**.

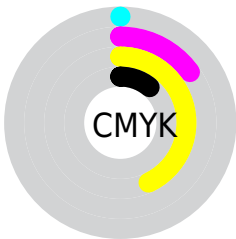
Distribution



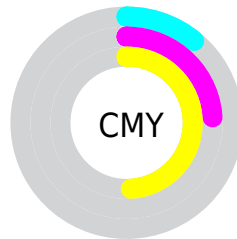
- Red (89%)
- Green (76%)
- Blue (51%)



- Red (71%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7778, 56.0825, 29.0570 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 54.7778, 56.0825, 29.0570 by changing the saturation by 10% instead.

■ 54.7778, 56.0825,
29.0570

■ 54.7778, 56.0825,
29.0570

395.2192,
410.0023, 311.5532

■ 39.4570, 40.2691,
18.8780

■ 96.3655, 99.1252,
59.2109

■ 27.2977, 27.7484,
11.4062

■ 123.3632,
127.1232, 80.0229

■ 17.9347, 18.1361,
6.2232

■ 154.9838,
159.9516, 105.2163

■ 11.0025, 11.0477,
2.9103

191.5928,
197.9947, 135.2096

■ 6.1358, 6.0990,
1.0490

233.5555,
241.6370, 170.4214

■ 2.9693, 2.9053,
0.0000

281.2372,

■ 1.1375, 1.0825,

291.2627, 211.2702

0.0000

335.0033,
347.2564, 258.1746

■ 0.0562, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7778, 56.0825,
29.0570

■ 54.7778, 56.0825,
29.0570

■ 51.7078, 52.1178,
21.3278

■ 58.2813, 60.3762,
38.5901

■ 49.0433, 48.4622,
15.2809


■ 62.2360, 65.0020,
50.0312


■ 46.7592, 45.1054,
10.7851


■ 66.6633, 69.9727,
63.4803


■ 44.8251, 42.0327,
7.6876


■ 71.5820, 75.2982,
79.0296


 43.2045, 39.2271,
5.8046

 77.0098, 80.9876,
96.7653

 42.1816, 37.3370,
4.9835

 81.1066, 86.3070,
106.9919

 83.5098, 91.1135,
107.7930

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



62.0184, 56.0825, 33.8536



54.7778, 56.0825, 29.0570



47.7595, 56.0825, 31.1100

Triad

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



54.7778, 56.0825, 29.0570



41.4361, 56.0825, 79.0548



65.5575, 56.0825, 87.9715

Complementary

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



54.7778, 56.0825, 29.0570



36.3461, 36.8416, 77.8685

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.



59.2634, 56.0825, 105.8687



54.7778, 56.0825, 29.0570



45.4481, 56.0825, 99.9494

Square

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



54.7778, 56.0825, 29.0570



40.4719, 56.0825, 56.9785



51.8583, 56.0825, 110.6910



68.5984, 56.0825, 65.3409

Rectangle

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



54.7778, 56.0825, 29.0570



44.0867, 56.0825, 36.3950



51.8583, 56.0825, 110.6910



63.7257, 56.0825, 94.9311

Sweetspot

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



54.7792, 56.0851, 29.0581



86.5698, 90.8560, 81.9761



46.5048, 35.0340, 40.1801



18.2449, 19.1316, 16.6687



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.



54.7792, 56.0851, 29.0581



67.8427, 68.5478, 29.0406



59.2496, 70.8561, 31.6736



15.1543, 15.9224, 15.1791



24.7138, 22.0017, 2.9442



1.9126, 1.7985, 0.2463

Inverse Universe

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



36.3461, 36.8416, 77.8685



40.9740, 40.5239, 100.2701



33.1645, 27.3457, 76.2033



13.9939, 14.7092, 18.2459



9.8393, 6.7407, 43.1657



0.8118, 0.6675, 3.2180

Previews

White Background



This preview shows how the XYZ color 54.7778, 56.0825, 29.0570 looks on a white background.

Color Contrast Check

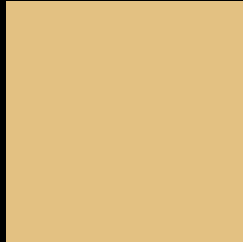
Large Text (above 18pt) WCAG AA × Fail

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 54.7778, 56.0825, 29.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

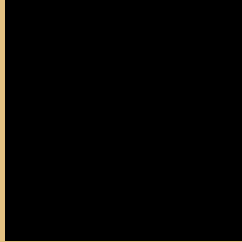
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7778, 56.0825, 29.0570

Background



This preview shows how black text looks on a background with the XYZ color 54.7778, 56.0825, 29.0570.



This preview shows how white text looks on a background with the XYZ color 54.7778, 56.0825,

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

54.7778, 56.0825, 29.0570

Protanopia

52.0905, 56.3503, 29.9610

Deuteranopia

57.2194, 56.0384, 29.2734



Tritanopia

61.3810, 55.8969, 61.5869

Trichromacy



Original Color

54.7778, 56.0825, 29.0570

Protanomaly

53.0501, 56.1786, 29.5202

Deuteranomaly

56.1145, 55.7892, 29.2836

Tritanomaly

58.3653, 55.5856, 47.6973

Monochromacy



Original Color

54.7778, 56.0825, 29.0570

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6936, 55.2742, 46.9215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7778, 56.0825, 29.0570 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(227, 193, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 193, 130)  
}
```

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(227, 193, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 193, 130) }
```

Border

The CSS property to change the border of an element to XYZ 54.7778, 56.0825, 29.0570 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(227, 193, 130) }
```


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

```
.border{ border-color:rgb(227, 193, 130) }
```

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

Here you see how a box with a 4 pixel rgb(227, 193, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 193, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 193, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 193,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7778, 56.0825, 29.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 193, 130) }
```

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

```
.background{ background-color: rgb(227,  
193, 130) }
```

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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