

Converting Colors

XYZ(55.9796, 58.4613, 30.4705)

Have a look what the booklet for
XYZ(55.9796, 58.4613, 30.4705)
contains.

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Color

**XYZ(55.7918, 58.2504,
30.4932)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C685
RGB	226, 198, 133
RGB Percent	89%, 78%, 52%
CMY	0.1137, 0.2235, 0.4784
CMYK	0.00, 0.12, 0.41, 0.11
HSL	42°, 62%, 70%
HSV	42°, 41%, 89%
XYZ	55.7918, 58.2504, 30.4932
YIQ	198.9620, 37.5530, -14.2790

Conversions

Conversions Part 2

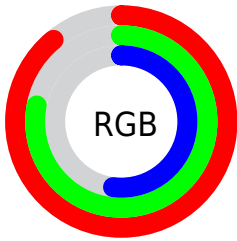
Format	Color
RYB	173, 226, 133
Decimal	14861957
CIELab	80.88, 1.07, 36.18
CIELCh	81, 36.195, 88.307
Yxy	58.2504, 0.3860, 0.4030
Android (android.graphics.Color)	4293052037 (0xFFE2C685)
YUV	198.9620, -32.5193, 23.7123
Hunter-Lab	76.3219, -3.0788, 29.7370

Details

The XYZ color **55.7918, 58.2504, 30.4932** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.1449, 35.9661, 76.9887**, and the grayscale version is **54.4407, 57.2759, 62.3734**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **27.8584, 28.9907, 12.1101** is the 20% darker color. If you saturate the color by 10%, you get **52.8755, 54.6535, 22.6292**, and if you desaturate by 10%, it is **59.1168, 62.1269, 40.1520**.

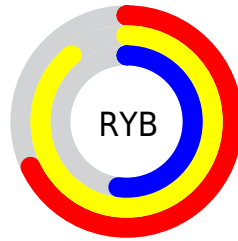
Distribution



Red (89%)

Green (78%)

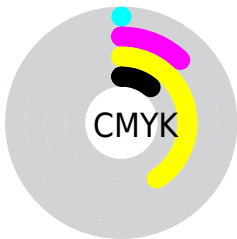
Blue (52%)



Red (68%)

Yellow (89%)

Blue (52%)

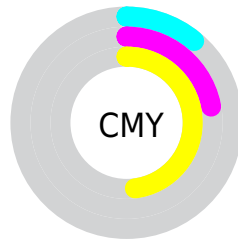


Cyan (0%)

Magenta (12%)

Yellow (41%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7918, 58.2504, 30.4932 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 55.7918, 58.2504, 30.4932 by changing the saturation by 10% instead.

■ 55.7918, 58.2504,
30.4932

■ 55.7918, 58.2504,
30.4932

398.9942,
418.1183, 318.4752

■ 40.2724, 42.0100,
19.9580

■ 97.8417, 102.2874,
61.5115

■ 27.9361, 29.1091,
12.1808

■ 125.1028,
130.8528, 82.8316

■ 18.4177, 19.1634,
6.7429

■ 157.0086,
164.2953, 108.5839

■ 11.3518, 11.7884,
3.2258

193.9244,
202.9993, 139.1868

■ 6.3730, 6.5998,
1.2111

236.2154,
247.3492, 175.0588

■ 3.1160, 3.2131,
0.0000

284.2472,

■ 1.2154, 1.2440,

297.7294, 216.6185

0.0000

338.3850,
354.5243, 264.2845

■ 0.1185, 0.0972,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7918, 58.2504,
30.4932

■ 55.7918, 58.2504,
30.4932

■ 52.8755, 54.6535,
22.6292

■ 59.1168, 62.1269,
40.1520

■ 50.3410, 51.3174,
16.4416


■ 62.8668, 66.2844,
51.7066


■ 48.1643, 48.2333,
11.8032


■ 67.0625, 70.7348,
65.2549


■ 46.3168, 45.3882,
8.5670


■ 71.7218, 75.4866,
80.8868

 44.7641, 42.7669,
6.5574


 76.8614, 80.5478,
98.6867

 43.5857, 40.6121,
5.5417

 80.2291, 85.0188,
106.7895

 82.2565, 89.0737,
107.4653

 84.3597, 93.2800,
108.1664

 85.1740, 94.9088,
108.4378

Harmonies

Analogous

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



63.2788, 58.2504, 34.4127



55.7918, 58.2504, 30.4932



48.8151, 58.2504, 33.6084

Triad

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



55.7918, 58.2504, 30.4932



43.6324, 58.2504, 85.0546



68.5410, 58.2504, 87.6469

Complementary

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



55.7918, 58.2504, 30.4932



36.1449, 35.9661, 76.9887

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.



62.4767, 58.2504, 107.0929



55.7918, 58.2504, 30.4932



48.1406, 58.2504, 105.3744

Square

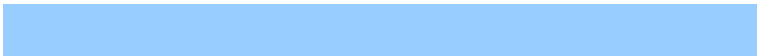
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.7918, 58.2504, 30.4932



42.1853, 58.2504, 62.2141



54.9409, 58.2504, 114.2107



71.0389, 58.2504, 64.6511

Rectangle

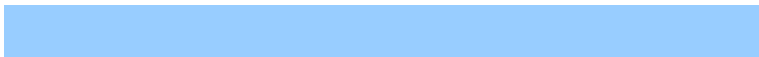
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.7918, 58.2504, 30.4932



45.2955, 58.2504, 39.7625



54.9409, 58.2504, 114.2107



66.8266, 58.2504, 94.9931

Sweetspot

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



55.7932, 58.2531, 30.4944



87.6404, 92.4467, 84.0306



46.3136, 35.5691, 38.8177



18.5976, 19.6189, 17.4588



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.



55.7932, 58.2531, 30.4944



70.1855, 72.6988, 31.4698



57.7106, 69.6343, 32.5901



14.5053, 15.2965, 14.4948



24.9744, 23.3866, 3.1978



1.8084, 1.7758, 0.2474

Inverse Universe

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



36.1449, 35.9661, 76.9887



41.2040, 39.8505, 100.1280



34.7025, 28.7555, 75.6729



13.2867, 13.9126, 17.3728



9.1030, 5.6756, 41.6641



0.7078, 0.5472, 2.9135

Previews

White Background



This preview shows how the XYZ color 55.7918, 58.2504, 30.4932 looks on a white background.

Color Contrast Check

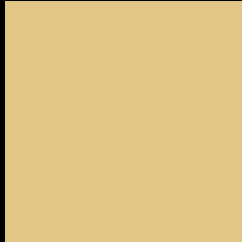
Large Text (above 18pt) WCAG AA × Fail

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 55.7918, 58.2504, 30.4932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

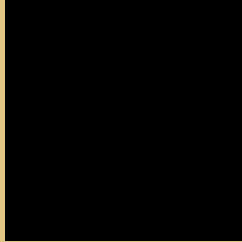
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7918, 58.2504, 30.4932

Background



This preview shows how black text looks on a background with the XYZ color 55.7918, 58.2504, 30.4932.



This preview shows how white text looks on a background with the XYZ color 55.7918, 58.2504,

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

55.7918, 58.2504, 30.4932

Protanopia

54.1032, 58.3999, 30.9750

Deuteranopia

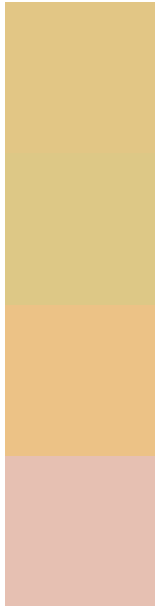
59.4283, 58.1213, 30.6406



Tritanopia

62.7010, 58.0785, 65.0323

Trichromacy



Original Color

55.7918, 58.2504, 30.4932

Protanomaly

54.7761, 58.4019, 30.9399

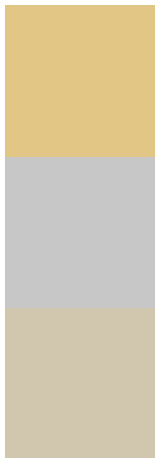
Deuteranomaly

58.1869, 58.1377, 30.7092

Tritanomaly

59.5186, 57.7366, 50.1268

Monochromacy



Original Color

55.7918, 58.2504, 30.4932

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4558, 57.4973, 48.7854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7918, 58.2504, 30.4932 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(226, 198, 133)` looks like.

```
.text, #text, p{  
    color:rgb(226, 198, 133)  
}
```

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(226, 198, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 198, 133) }
```

Border

The CSS property to change the border of an element to XYZ 55.7918, 58.2504, 30.4932 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(226, 198, 133) }
```


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

```
.border{ border-color:rgb(226, 198, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 198, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 198, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 198, 133); box-shadow:4px 4px 4px 4px rgb(226, 198, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7918, 58.2504, 30.4932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 198, 133) }
```

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

```
.background{ background-color: rgb(226,  
198, 133) }
```

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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