

Converting Colors

XYZ(55.9023, 60.2982, 26.6679)

Have a look what the booklet for
XYZ(55.9023, 60.2982, 26.6679)
contains.

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Color

**XYZ(55.8585, 60.0999,
26.7455)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CB79
RGB	225, 203, 121
RGB Percent	88%, 80%, 47%
CMY	0.1176, 0.2039, 0.5255
CMYK	0.00, 0.10, 0.46, 0.12
HSL	47°, 63%, 68%
HSV	47°, 46%, 88%
XYZ	55.8585, 60.0999, 26.7455
YIQ	200.2300, 39.4340, -20.8380

Conversions

Conversions Part 2

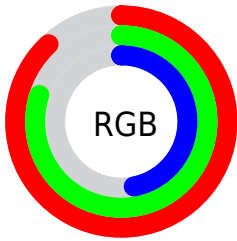
Format	Color
RYB	149, 225, 121
Decimal	14797689
CIELab	81.89, -3.14, 43.53
CIElCh	82, 43.638, 94.122
Yxy	60.0999, 0.3914, 0.4212
Android (android.graphics.Color)	4292987769 (0xFFE1CB79)
YUV	200.2300, -39.0604, 21.7233
Hunter-Lab	77.5241, -7.0525, 33.8121

Details

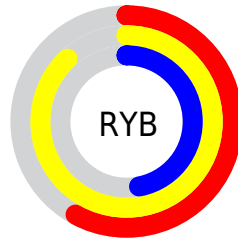
The XYZ color **55.8585, 60.0999, 26.7455** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.2980, 29.1452, 75.2101**, and the grayscale version is **55.2590, 58.1368, 63.3110**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **28.0014, 30.2619, 10.1597** is the 20% darker color. If you saturate the color by 10%, you get **53.5304, 57.4003, 19.9380**, and if you desaturate by 10%, it is **58.5458, 63.0029, 35.2616**.

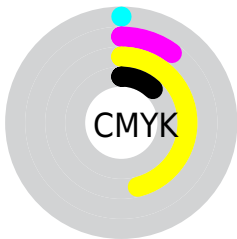
Distribution



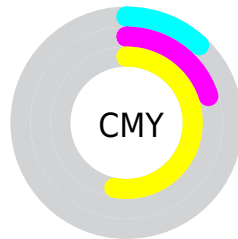
- Red (88%)
- Green (80%)
- Blue (47%)



- Red (58%)
- Yellow (88%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (46%)
- Black (12%)





- Cyan (12%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8585, 60.0999, 26.7455 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 55.8585, 60.0999, 26.7455 by changing the saturation by 10% instead.


 55.8585, 60.0999,
26.7455


 55.8585, 60.0999,
26.7455


399.2417,
424.9659, 300.1438


 40.3260, 43.4992,
17.1514


 97.9387, 104.9746,
55.4740

 27.9782, 30.2770,
10.1794


 125.2171,
134.0173, 75.4455

 18.4496, 20.0489,
5.4109


 157.1415,
167.9761, 99.7132

 11.3749, 12.4306,
2.4274

194.0774,
207.2355, 128.6956

 6.3887, 7.0376,
0.8013

236.3900,
252.1797, 162.8114

 3.1258, 3.4857,
0.0000

284.4446,

 1.2206, 1.3902,

303.1933, 202.4790

0.0000

338.6068,
360.6606, 248.1169

■ 0.1225, 0.2095,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8585, 60.0999,
26.7455

■ 55.8585, 60.0999,
26.7455

■ 53.5304, 57.4003,
19.9380

■ 58.5458, 63.0029,
35.2616

■ 51.5341, 54.8858,
14.7158


■ 61.6088, 66.1095,
45.5908


■ 49.8452, 52.5486,
10.9448

■ 65.0681, 69.4309,
57.8334


■ 48.4334, 50.3758,
8.4673


■ 68.9413, 72.9744,
72.0814

 47.2608, 48.3521,
7.0861


 73.2451, 76.7472,
88.4208

 46.8557, 47.6162,
6.7213

 77.8332, 80.6914,
106.0805

 79.1875, 83.4000,
106.5319

 80.5784, 86.1816,
106.9955

 82.0060, 89.0368,
107.4714

Harmonies

Analogous

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



65.2128, 60.0999, 29.5702



55.8585, 60.0999, 26.7455



47.7467, 60.0999, 31.7713

Triad

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



55.8585, 60.0999, 26.7455



43.6715, 60.0999, 98.2413



74.5990, 60.0999, 90.1857

Complementary

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



55.8585, 60.0999, 26.7455



31.2980, 29.1452, 75.2101

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.



67.6532, 60.0999, 117.0935



55.8585, 60.0999, 26.7455



49.7318, 60.0999, 122.5543

Square

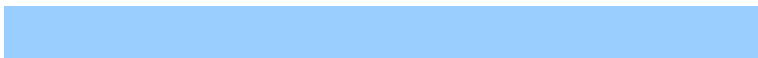
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.8585, 60.0999, 26.7455



41.2066, 60.0999, 69.1557



58.4067, 60.0999, 130.2431



76.6866, 60.0999, 61.8570

Rectangle

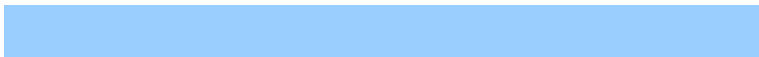
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.8585, 60.0999, 26.7455



43.9324, 60.0999, 39.9715



58.4067, 60.0999, 130.2431



72.7208, 60.0999, 99.9205

Sweetspot

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



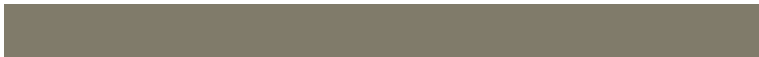
55.8600, 60.1027, 26.7467



87.4643, 93.1873, 80.6022



42.8875, 31.6823, 30.0545



18.4920, 19.7326, 16.4221



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.



55.8600, 60.1027, 26.7467



71.3371, 76.5260, 27.1555



53.0204, 66.9043, 28.2092



14.6128, 15.5117, 14.5307



27.0881, 27.6140, 3.9023



1.9399, 2.0386, 0.2913

Inverse Universe

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



31.2980, 29.1452, 75.2101



35.1230, 30.9192, 98.7246



33.0923, 25.6401, 74.4390



13.1858, 13.7107, 17.3391



8.4997, 4.4689, 41.4630



0.6541, 0.4396, 2.8956

Previews

White Background



This preview shows how the XYZ color 55.8585, 60.0999, 26.7455 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 55.8585, 60.0999, 26.7455 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 55.8585, 60.0999, 26.7455

Background



This preview shows how black text looks on a background with the XYZ color 55.8585, 60.0999, 26.7455.



This preview shows how white text looks on a background with the XYZ color 55.8585, 60.0999,

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

55.8585, 60.0999, 26.7455

Protanopia

55.4755, 60.2542, 26.7955

Deuteranopia

61.2247, 59.7878, 27.0522



Tritanopia

64.3868, 60.1864, 67.8981

Trichromacy



Original Color

55.8585, 60.0999, 26.7455

Protanomaly

55.7845, 60.4135, 26.8100

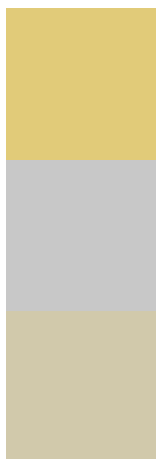
Deuteranomaly

59.0757, 59.6884, 26.8197

Tritanomaly

60.7577, 60.0560, 49.4640

Monochromacy



Original Color

55.8585, 60.0999, 26.7455

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5318, 58.2689, 46.9010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8585, 60.0999, 26.7455 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, 203, 121)` looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 121)  
}
```

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, 203, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 121) }
```

Border

The CSS property to change the border of an element to XYZ 55.8585, 60.0999, 26.7455 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, 203, 121) }
```


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

```
.border{ border-color:rgb(225, 203, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 203, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 203, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 203, 121);  
box-shadow:4px 4px 4px 4px rgb(225, 203,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8585, 60.0999, 26.7455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 121) }
```

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

```
.background{ background-color: rgb(225,  
203, 121) }
```

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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