

Converting Colors

XYZ(55.4221, 56.4573, 28.2262)

Have a look what the booklet for
XYZ(55.4221, 56.4573, 28.2262)
contains.

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Color

**XYZ(55.2793, 56.3565,
28.3864)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C180
RGB	229, 193, 128
RGB Percent	90%, 76%, 50%
CMY	0.1020, 0.2431, 0.4980
CMYK	0.00, 0.16, 0.44, 0.10
HSL	39°, 66%, 70%
HSV	39°, 44%, 90%
XYZ	55.2793, 56.3565, 28.3864
YIQ	196.3540, 42.3210, -12.5830

Conversions

Conversions Part 2

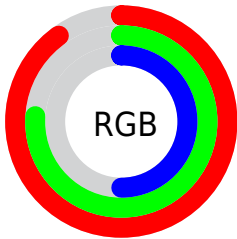
Format	Color
R _Y B	184, 229, 128
Decimal	15057280
CIE Lab	79.82, 4.36, 37.44
CIE LCh	80, 37.688, 83.358
Yxy	56.3565, 0.3948, 0.4025
Android (android.graphics.Color)	4293247360 (0xFFE5C180)
YUV	196.3540, -33.6985, 28.6305
Hunter-Lab	75.0710, 0.0662, 30.1305

Details

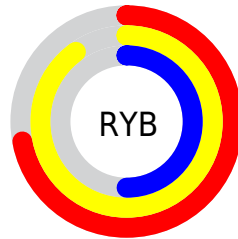
The XYZ color **55.2793, 56.3565, 28.3864** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.3198, 36.7957, 79.3164**, and the grayscale version is **52.8615, 55.6144, 60.5641**.

A 20% lighter version of the original color is **83.5592, 92.3888, 57.6847**, and **27.7665, 28.0769, 11.1637** is the 20% darker color. If you saturate the color by 10%, you get **52.1846, 52.3131, 20.7391**, and if you desaturate by 10%, it is **58.8165, 60.7404, 37.8605**.

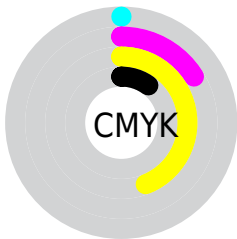
Distribution



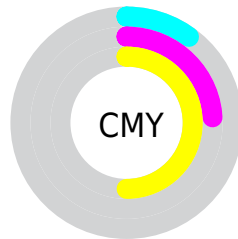
- Red (90%)
- Green (76%)
- Blue (50%)



- Red (72%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2793, 56.3565, 28.3864 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 55.2793, 56.3565, 28.3864 by changing the saturation by 10% instead.

■ 55.2793, 56.3565,
28.3864

■ 55.2793, 56.3565,
28.3864

397.0890,
411.0336, 308.2785

■ 39.8601, 40.4888,
18.3756

■ 97.0960, 99.5256,
58.1313

■ 27.6132, 27.9199,
11.0477

■ 124.2242,
127.5959, 78.7024

■ 18.1733, 18.2653,
5.9844

■ 155.9861,
160.5024, 103.6307

■ 11.1749, 11.1406,
2.7669

192.7471,
198.6297, 133.3346

■ 6.2528, 6.1615,
0.9769

234.8726,
242.3620, 168.2329

■ 3.0415, 2.9435,
0.0000

282.7278,

■ 1.1757, 1.1023,

292.0839, 208.7439

0.0000

336.6781,
348.1796, 255.2863

■ 0.0871, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2793, 56.3565,
28.3864

■ 55.2793, 56.3565,
28.3864

■ 52.1846, 52.3131,
20.7391

■ 58.8165, 60.7404,
37.8605

■ 49.5034, 48.5898,
14.7927


■ 62.8147, 65.4684,
49.2692


■ 47.2096, 45.1756,
10.4104


■ 67.2960, 70.5538,
62.7157


■ 45.2712, 42.0551,
7.4328


■ 72.2799, 76.0069,
78.2952


 43.6498, 39.2100,
5.6657

 77.7846, 81.8373,
96.0965

 42.8073, 37.6466,
5.0103

 82.1069, 87.3658,
107.1435

 84.5901, 92.3322,
107.9713

 86.1230, 95.3979,
108.4822

Harmonies

Analogous

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



62.8022, 56.3565, 33.4572



55.2793, 56.3565, 28.3864



47.9591, 56.3565, 30.3187

Triad

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



55.2793, 56.3565, 28.3864



41.1991, 56.3565, 79.5647



66.2139, 56.3565, 89.9946

Complementary

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



55.2793, 56.3565, 28.3864



36.3198, 36.7957, 79.3164

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.



59.5920, 56.3565, 108.5564



55.2793, 56.3565, 28.3864



45.2814, 56.3565, 101.6048

Square

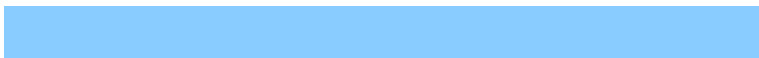
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.2793, 56.3565, 28.3864



40.2798, 56.3565, 56.6320



51.8868, 56.3565, 113.2445



69.4910, 56.3565, 66.3497

Rectangle

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



55.2793, 56.3565, 28.3864



44.1151, 56.3565, 35.6124



51.8868, 56.3565, 113.2445



64.2768, 56.3565, 97.2427

Sweetspot

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



55.2807, 56.3592, 28.3875



86.5110, 90.7385, 81.9565



46.8270, 34.8147, 39.8656



18.2303, 19.1025, 16.6638



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.



55.2807, 56.3592, 28.3875



66.8940, 67.1584, 27.1588



60.0968, 72.1249, 31.1768



15.1469, 15.9077, 15.1766



24.5928, 21.7598, 2.9039



1.9042, 1.7818, 0.2436

Inverse Universe

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



36.3198, 36.7957, 79.3164



39.7803, 39.2130, 100.0800



32.9265, 26.7998, 77.5659



14.0010, 14.7235, 18.2483



9.8979, 6.8578, 43.1852



0.8167, 0.6773, 3.2197

Previews

White Background



This preview shows how the XYZ color 55.2793, 56.3565, 28.3864 looks on a white background.

Color Contrast Check

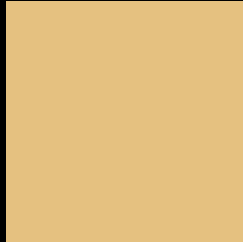
Large Text (above 18pt) WCAG AA × Fail

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 55.2793, 56.3565, 28.3864 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 55.2793, 56.3565, 28.3864

Background



This preview shows how black text looks on a background with the XYZ color 55.2793, 56.3565, 28.3864.



This preview shows how white text looks on a background with the XYZ color 55.2793, 56.3565,

28.3864.

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

55.2793, 56.3565, 28.3864

Protanopia

52.2477, 56.4469, 29.2607

Deuteranopia

57.4199, 56.1573, 28.5820



Tritanopia

61.9256, 56.1911, 61.0082

Trichromacy



Original Color

55.2793, 56.3565, 28.3864

Protanomaly

53.2176, 56.2805, 28.8272

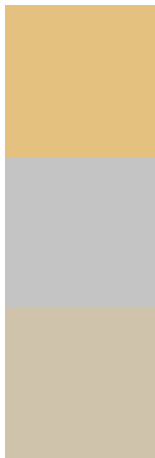
Deuteranomaly

56.6369, 56.0741, 28.6072

Tritanomaly

58.9174, 55.8814, 47.2161

Monochromacy



Original Color

55.2793, 56.3565, 28.3864

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8782, 55.3804, 46.4306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2793, 56.3565, 28.3864 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(229, 193, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 193, 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(229, 193, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 193, 128) }
```

Border

The CSS property to change the border of an element to XYZ 55.2793, 56.3565, 28.3864 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(229, 193, 128) }
```


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

```
.border{ border-color:rgb(229, 193, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 193, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 193, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 193, 128);  
box-shadow:4px 4px 4px 4px rgb(229, 193,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2793, 56.3565, 28.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 193, 128) }
```

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

```
.background{ background-color: rgb(229,  
193, 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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