

Converting Colors

XYZ(55.4240, 58.0766, 27.8109)

Have a look what the booklet for
XYZ(55.4240, 58.0766, 27.8109)
contains.

XYZ(55.5743, 58.1997, 27.7066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.5743, 58.1997,
27.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C67D
RGB	227, 198, 125
RGB Percent	89%, 78%, 49%
CMY	0.1098, 0.2235, 0.5098
CMYK	0.00, 0.13, 0.45, 0.11
HSL	43°, 65%, 69%
HSV	43°, 45%, 89%
XYZ	55.5743, 58.1997, 27.7066
YIQ	198.3490, 40.7170, -16.5550

Conversions

Conversions Part 2

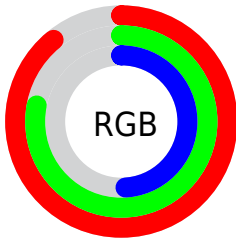
Format	Color
R_{YB}	166, 227, 125
Decimal	14927485
CIE _{Lab}	80.85, 0.65, 40.24
CIE _{LCh}	81, 40.250, 89.080
Yxy	58.1997, 0.3928, 0.4114
Android (android.graphics.Color)	4293117565 (0xFFE3C67D)
YUV	198.3490, -36.1611, 25.1269
Hunter-Lab	76.2887, -3.4728, 31.8691

Details

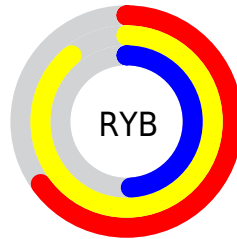
The XYZ color **55.5743, 58.1997, 27.7066** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.8778, 33.0161, 77.2601**, and the grayscale version is **54.0860, 56.9027, 61.9670**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **27.7869, 28.9870, 10.6091** is the 20% darker color. If you saturate the color by 10%, you get **52.8434, 54.7995, 20.4413**, and if you desaturate by 10%, it is **58.7023, 61.8636, 36.7404**.

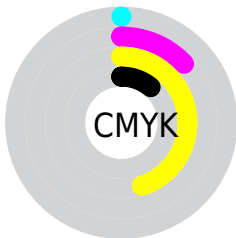
Distribution



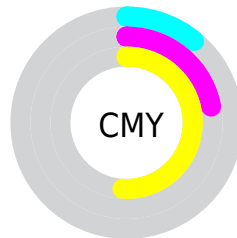
- Red (89%)
- Green (78%)
- Blue (49%)



- Red (65%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5743, 58.1997, 27.7066 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 55.5743, 58.1997, 27.7066 by changing the saturation by 10% instead.

■ 55.5743, 58.1997,
27.7066

■ 55.5743, 58.1997,
27.7066

398.1863,
417.9296, 304.9300

■ 40.0974, 41.9692,
17.8675

■ 97.5253, 102.2136,
57.0331

■ 27.7990, 29.0772,
10.6864

■ 124.7301,
130.7658, 77.3576

■ 18.3139, 19.1392,
5.7449

■ 156.5749,
164.1941, 102.0143

■ 11.2766, 11.7709,
2.6243

193.4251,
202.8828, 131.4218

■ 6.3219, 6.5879,
0.9050

235.6459,
247.2163, 165.9985

■ 3.0843, 3.2057,
0.0000

283.6028,

■ 1.1985, 1.2401,

297.5790, 206.1631

0.0000

337.6612,
354.3553, 252.3341

■ 0.1052, 0.0941,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5743, 58.1997,
27.7066

■ 55.5743, 58.1997,
27.7066

■ 52.8434, 54.7995,
20.4413

■ 58.7023, 61.8636,
36.7404

■ 50.4818, 51.6441,
14.8202


■ 62.2445, 65.7929,
47.6486


■ 48.4642, 48.7244,
10.7085


■ 66.2223, 69.9993,
60.5327


■ 46.7598, 46.0268,
7.9483


■ 70.6540, 74.4914,
75.4861


 45.3313, 43.5350,
6.3460


 75.5569, 79.2772,
92.5959

 44.6822, 42.3383,
5.8171

 79.9323, 83.9585,
106.6005

 81.8315, 87.7568,
107.2335

 83.7985, 91.6909,
107.8892

 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.



63.9528, 58.1997, 31.6262



55.5743, 58.1997, 27.7066



47.8990, 58.1997, 31.1656

Triad

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



55.5743, 58.1997, 27.7066



42.4787, 58.1997, 88.3532



70.2106, 58.1997, 89.9528

Complementary

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



55.5743, 58.1997, 27.7066



33.8778, 33.0161, 77.2601

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.



63.4641, 58.1997, 112.4464



55.5743, 58.1997, 27.7066



47.4960, 58.1997, 111.3717

Square

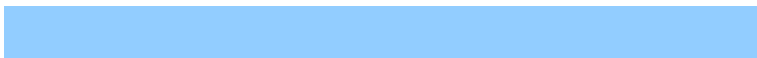
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.5743, 58.1997, 27.7066



40.8113, 58.1997, 62.6369



55.0606, 58.1997, 121.1184



72.9076, 58.1997, 64.1080

Rectangle

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



55.5743, 58.1997, 27.7066



44.0860, 58.1997, 37.8439



55.0606, 58.1997, 121.1184



68.3099, 58.1997, 98.3731

Sweetspot

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



55.5757, 58.2024, 27.7078



87.2319, 92.1802, 82.1968



44.9794, 33.3855, 35.3492



18.4090, 19.4599, 16.7234



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.



55.5757, 58.2024, 27.7078



68.9879, 71.5900, 27.1045



56.7914, 69.6267, 29.8488



15.2373, 16.0884, 15.2067



26.1629, 24.8999, 3.4272



2.0114, 1.9962, 0.2793

Inverse Universe

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



33.8778, 33.0161, 77.2601



37.3894, 34.9485, 99.3828



32.9470, 26.2701, 76.0071



13.9148, 14.5510, 18.2196



9.2587, 5.5795, 42.9721



0.7614, 0.5666, 3.2012

Previews

White Background



This preview shows how the XYZ color 55.5743, 58.1997, 27.7066 looks on a white background.

Color Contrast Check

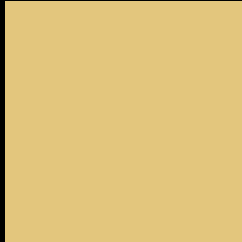
Large Text (above 18pt) WCAG AA × Fail

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 55.5743, 58.1997, 27.7066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

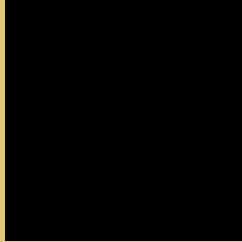
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5743, 58.1997, 27.7066

Background



This preview shows how black text looks on a background with the XYZ color 55.5743, 58.1997, 27.7066.

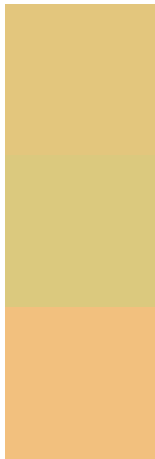


This preview shows how white text looks on a background with the XYZ color 55.5743, 58.1997,

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

55.5743, 58.1997, 27.7066

Protanopia

53.8660, 58.3397, 28.1603

Deuteranopia

59.2335, 58.0829, 27.8278



Tritanopia

63.0237, 57.9404, 64.3618

Trichromacy



Original Color

55.5743, 58.1997, 27.7066

Protanomaly

54.5444, 58.3445, 28.1255

Deuteranomaly

57.9827, 58.0945, 27.8960

Tritanomaly

59.8662, 57.9502, 48.5877

Monochromacy



Original Color

55.5743, 58.1997, 27.7066

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8393, 56.8838, 46.6701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5743, 58.1997, 27.7066 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, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(227, 198, 125)  
}
```

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, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 198, 125) }
```

Border

The CSS property to change the border of an element to XYZ 55.5743, 58.1997, 27.7066 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, 198, 125) }
```


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

```
.border{ border-color:rgb(227, 198, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 198, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 198, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 198, 125); box-shadow:4px 4px 4px 4px rgb(227, 198, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5743, 58.1997, 27.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 198, 125) }
```

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

```
.background{ background-color: rgb(227,  
198, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor