

Converting Colors

XYZ(55.5663, 57.6909, 29.3302)

Have a look what the booklet for
XYZ(55.5663, 57.6909, 29.3302)
contains.

XYZ(55.6741, 57.8751, 29.3558)	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(55.6741, 57.8751,
29.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C582
RGB	227, 197, 130
RGB Percent	89%, 77%, 51%
CMY	0.1098, 0.2274, 0.4902
CMYK	0.00, 0.13, 0.43, 0.11
HSL	41°, 63%, 70%
HSV	41°, 43%, 89%
XYZ	55.6741, 57.8751, 29.3558
YIQ	198.3320, 39.3870, -14.4770

Conversions

Conversions Part 2

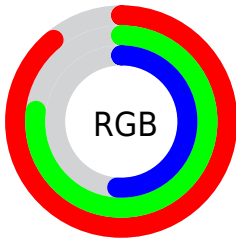
Format	Color
RYB	173, 227, 130
Decimal	14927234
CIELab	80.67, 1.67, 37.47
CIELCh	81, 37.505, 87.442
Yxy	57.8751, 0.3896, 0.4050
Android (android.graphics.Color)	4293117314 (0xFFE3C582)
YUV	198.3320, -33.6877, 25.1418
Hunter-Lab	76.0757, -2.5017, 30.3744

Details

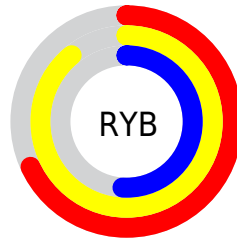
The XYZ color **55.6741, 57.8751, 29.3558** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.6415, 35.4324, 77.6336**, and the grayscale version is **54.0616, 56.8771, 61.9391**.

A 20% lighter version of the original color is **85.3335, 95.6043, 59.3033**, and **27.8113, 28.7555, 11.4817** is the 20% darker color. If you saturate the color by 10%, you get **52.7588, 54.2198, 21.6782**, and if you desaturate by 10%, it is **59.0026, 61.8187, 38.8306**.

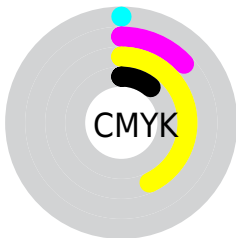
Distribution



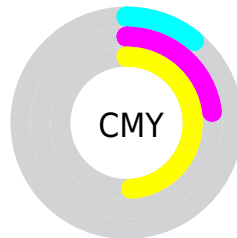
- Red (89%)
- Green (77%)
- Blue (51%)



- Red (68%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6741, 57.8751, 29.3558 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 55.6741, 57.8751, 29.3558 by changing the saturation by 10% instead.

■ 55.6741, 57.8751,
29.3558

■ 55.6741, 57.8751,
29.3558

398.5571,
416.7204, 313.0033

■ 40.1777, 41.7082,
19.1023

■ 97.6705, 101.7410,
59.6908

■ 27.8619, 28.8729,
11.5666

■ 124.9012,
130.2087, 80.6094

■ 18.3615, 18.9847,
6.3304

■ 156.7739,
163.5456, 105.9200

■ 11.3111, 11.6592,
2.9750

193.6542,
202.1360, 136.0413

■ 6.3453, 6.5121,
1.0819

235.9073,
246.3643, 171.3917

■ 3.0988, 3.1589,
0.0000

283.8986,

■ 1.2062, 1.2152,

296.6148, 212.3898

0.0000

337.9934,
353.2721, 259.4542

■ 0.1113, 0.0741,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6741, 57.8751,
29.3558

■ 55.6741, 57.8751,
29.3558

■ 52.7588, 54.2198,
21.6782

■ 59.0026, 61.8187,
38.8306

■ 50.2292, 50.8338,
15.6762


■ 62.7613, 66.0526,
50.2064

■ 48.0604, 47.7077,
11.2188


■ 66.9714, 70.5889,
63.5831


■ 46.2227, 44.8279,
8.1535

■ 71.6511, 75.4364,
79.0528


 44.6801, 42.1784,
6.2965


 76.8177, 80.6035,
96.7015

 43.7027, 40.3792,
5.4906

 80.6308, 85.3555,
106.8333

 82.7274, 89.5486,
107.5322

 84.9047, 93.9032,
108.2579

 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.



63.3956, 57.8751, 33.5314



55.6741, 57.8751, 29.3558



48.4431, 57.8751, 32.3002

Triad

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



55.6741, 57.8751, 29.3558



42.8511, 57.8751, 84.7244



68.5019, 57.8751, 88.7934

Complementary

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



55.6741, 57.8751, 29.3558



35.6415, 35.4324, 77.6336

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.



62.1419, 57.8751, 108.8111



55.6741, 57.8751, 29.3558



47.3959, 57.8751, 106.1015

Square

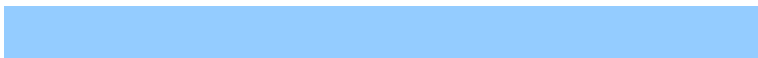
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.6741, 57.8751, 29.3558



41.4638, 57.8751, 61.1367



54.3483, 57.8751, 115.7836



71.2219, 57.8751, 64.9337

Rectangle

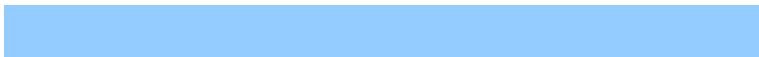
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.6741, 57.8751, 29.3558



44.7766, 57.8751, 38.4013



54.3483, 57.8751, 115.7836



66.6913, 57.8751, 96.3885

Sweetspot

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



55.6755, 57.8778, 29.3570



86.9813, 91.6790, 82.1133



46.0696, 34.8600, 37.8886



18.3469, 19.3356, 16.7027



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.



55.6755, 57.8778, 29.3570



69.1843, 71.2310, 29.4878



57.8544, 70.1369, 31.6084



15.2059, 16.0257, 15.1963



25.5957, 23.7655, 3.2382



1.9730, 1.9194, 0.2665

Inverse Universe

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



35.6415, 35.4324, 77.6336



39.9850, 38.5459, 99.9404



34.0219, 27.7878, 76.2434



13.9446, 14.6105, 18.2295



9.4617, 5.9856, 43.0398



0.7795, 0.6028, 3.2072

Previews

White Background



This preview shows how the XYZ color 55.6741, 57.8751, 29.3558 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 55.6741, 57.8751, 29.3558 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 55.6741, 57.8751, 29.3558

Background



This preview shows how black text looks on a background with the XYZ color 55.6741, 57.8751, 29.3558.



This preview shows how white text looks on a background with the XYZ color 55.6741, 57.8751,

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

55.6741, 57.8751, 29.3558

Protanopia

53.6645, 57.8527, 29.8110

Deuteranopia

59.2220, 58.0387, 29.5540



Tritanopia

62.6944, 57.7707, 64.3464

Trichromacy



Original Color

55.6741, 57.8751, 29.3558

Protanomaly

54.3390, 57.8577, 29.7764

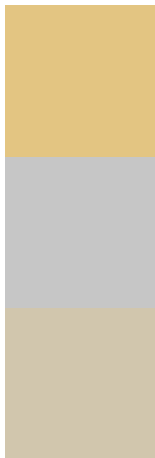
Deuteranomaly

57.9806, 58.0551, 29.6226

Tritanomaly

59.4223, 57.3851, 49.0188

Monochromacy



Original Color

55.6741, 57.8751, 29.3558

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0314, 56.9606, 47.6819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6741, 57.8751, 29.3558 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, 197, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 197, 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, 197, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 197, 130) }
```

Border

The CSS property to change the border of an element to XYZ 55.6741, 57.8751, 29.3558 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, 197, 130) }
```


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

```
.border{ border-color:rgb(227, 197, 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, 197, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 197, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 197, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 197,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6741, 57.8751, 29.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 197, 130) }
```

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

```
.background{ background-color: rgb(227,  
197, 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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