

Converting Colors

XYZ(55.7269, 56.5576, 30.0366)

Have a look what the booklet for
XYZ(55.7269, 56.5576, 30.0366)
contains.

XYZ(55.6167, 56.4914, 30.1629)	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(55.6167, 56.4914,
30.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C185
RGB	229, 193, 133
RGB Percent	90%, 76%, 52%
CMY	0.1020, 0.2431, 0.4784
CMYK	0.00, 0.16, 0.42, 0.10
HSL	38°, 65%, 71%
HSV	38°, 42%, 90%
XYZ	55.6167, 56.4914, 30.1629
YIQ	196.9240, 40.7160, -11.0280

Conversions

Conversions Part 2

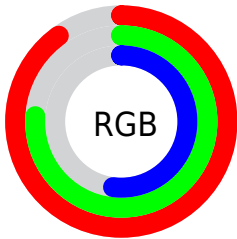
Format	Color
RYB	191, 229, 133
Decimal	15057285
CIELab	79.89, 4.88, 34.96
CIELCh	80, 35.294, 82.057
Yxy	56.4914, 0.3909, 0.3971
Android (android.graphics.Color)	4293247365 (0xFFE5C185)
YUV	196.9240, -31.5145, 28.1307
Hunter-Lab	75.1608, 0.5533, 28.8188

Details

The XYZ color **55.6167, 56.4914, 30.1629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.0032, 39.0182, 79.6569**, and the grayscale version is **53.1933, 55.9635, 60.9442**.

A 20% lighter version of the original color is **84.0853, 92.5992, 60.4554**, and **27.9143, 28.1360, 11.9422** is the 20% darker color. If you saturate the color by 10%, you get **52.3609, 52.2416, 22.1049**, and if you desaturate by 10%, it is **59.3305, 61.1049, 40.0763**.

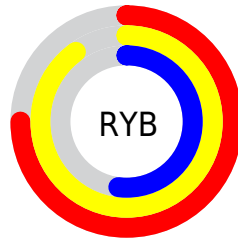
Distribution



Red (90%)

Green (76%)

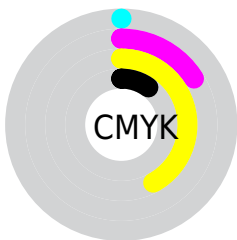
Blue (52%)



Red (75%)

Yellow (90%)

Blue (52%)

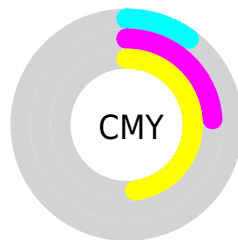


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (10%)



Cyan (10%)

Magenta (24%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6167, 56.4914, 30.1629 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 55.6167, 56.4914, 30.1629 by changing the saturation by 10% instead.

■ 55.6167, 56.4914,
30.1629

■ 55.6167, 56.4914,
30.1629

398.3439,
411.5408, 316.8939

■ 40.1315, 40.5970,
19.7092

■ 97.5870, 99.7227,
60.9837

■ 27.8257, 28.0044,
12.0018

■ 124.8028,
127.8284, 82.1879

■ 18.3341, 18.3289,
6.6224

■ 156.6595,
160.7734, 107.8127

■ 11.2913, 11.1864,
3.1522

193.5224,
198.9420, 138.2766

■ 6.3318, 6.1924,
1.1729

235.7570,
242.7187, 173.9981

■ 3.0905, 2.9624,
0.0000

283.7285,

■ 1.2018, 1.1121,

292.4877, 215.3958

0.0000

337.8024,
348.6336, 262.8882

■ 0.1078, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6167, 56.4914,
30.1629

■ 55.6167, 56.4914,
30.1629

■ 52.3609, 52.2416,
22.1049

■ 59.3305, 61.1049,
40.0763

■ 49.5343, 48.3348,
15.7790


■ 63.5204, 66.0860,
51.9508


■ 47.1111, 44.7597,
11.0521


■ 68.2086, 71.4485,
65.8882

■ 45.0603, 41.5007,
7.7703


■ 73.4145, 77.2028,
81.9820


 43.3447, 38.5399,
5.7485

 79.1565, 83.3591,
100.3202

 42.1562, 36.3442,
4.7933

 82.8714, 88.8947,
107.3984

 85.5229, 94.1977,
108.2822

 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



62.6026, 56.4914, 35.3808



55.6167, 56.4914, 30.1629



48.6921, 56.4914, 31.7476

Triad

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



55.6167, 56.4914, 30.1629



41.9278, 56.4914, 77.5195



65.2872, 56.4914, 89.0493

Complementary

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



55.6167, 56.4914, 30.1629



38.0032, 39.0182, 79.6569

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.



59.0259, 56.4914, 105.7179



55.6167, 56.4914, 30.1629



45.6723, 56.4914, 98.0978

Square

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



55.6167, 56.4914, 30.1629



41.1905, 56.4914, 56.2248



51.8149, 56.4914, 109.3531



68.5004, 56.4914, 67.1155

Rectangle

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



55.6167, 56.4914, 30.1629



44.9967, 56.4914, 36.6526



51.8149, 56.4914, 109.3531



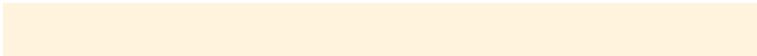
63.4441, 56.4914, 95.6379

Sweetspot

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



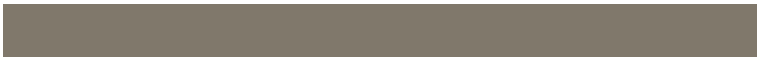
55.6181, 56.4941, 30.1640



86.3269, 90.3703, 81.8952



47.9377, 36.3283, 42.4171



18.1847, 19.0113, 16.6486



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.



55.6181, 56.4941, 30.1640



67.4634, 67.5253, 29.7279



61.1067, 72.6067, 32.9848



15.1237, 15.8614, 15.1689



24.2221, 21.0184, 2.7803



1.8785, 1.7303, 0.2350

Inverse Universe

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



38.0032, 39.0182, 79.6569



42.2666, 42.5495, 100.5929



34.0675, 28.3802, 77.8110



14.0234, 14.7681, 18.2558



10.0890, 7.2402, 43.2489



0.8325, 0.7089, 3.2249

Previews

White Background



This preview shows how the XYZ color 55.6167, 56.4914, 30.1629 looks on a white background.

Color Contrast Check

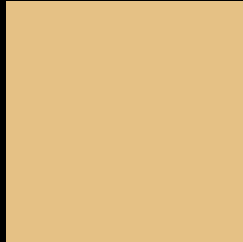
Large Text (above 18pt) WCAG AA × Fail

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 55.6167, 56.4914, 30.1629 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 55.6167, 56.4914, 30.1629

Background



This preview shows how black text looks on a background with the XYZ color 55.6167, 56.4914, 30.1629.



This preview shows how white text looks on a background with the XYZ color 55.6167, 56.4914,

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

55.6167, 56.4914, 30.1629

Protanopia

52.5916, 56.5845, 31.0717

Deuteranopia

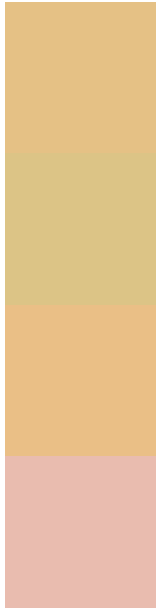
57.6416, 56.5527, 30.4320



Tritanopia

62.2498, 56.6543, 61.6873

Trichromacy



Original Color

55.6167, 56.4914, 30.1629

Protanomaly

53.5582, 56.4167, 30.6210

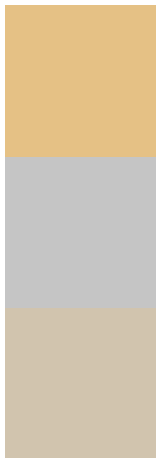
Deuteranomaly

56.8656, 56.4753, 30.4579

Tritanomaly

59.3254, 56.3852, 48.3141

Monochromacy



Original Color

55.6167, 56.4914, 30.1629

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6744, 56.0912, 48.0421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6167, 56.4914, 30.1629 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(229, 193, 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(229, 193, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 193, 133) }
```

Border

The CSS property to change the border of an element to XYZ 55.6167, 56.4914, 30.1629 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, 133) }
```


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

```
.border{ border-color:rgb(229, 193, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 193, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 193, 133);  
box-shadow:4px 4px 4px 4px rgb(229, 193,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6167, 56.4914, 30.1629 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, 133) }
```

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

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

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