

Converting Colors

XYZ(56.7551, 58.2712, 36.6899)

Have a look what the booklet for
XYZ(56.7551, 58.2712, 36.6899)
contains.

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Color

**XYZ(56.7551, 58.2712,
36.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C595
RGB	226, 197, 149
RGB Percent	89%, 77%, 58%
CMY	0.1137, 0.2274, 0.4157
CMYK	0.00, 0.13, 0.34, 0.11
HSL	37°, 57%, 74%
HSV	37°, 34%, 89%
XYZ	56.7551, 58.2712, 36.6899
YIQ	200.1990, 32.6920, -8.7800

Conversions

Conversions Part 2

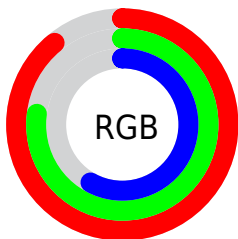
Format	Color
R _Y B	196, 226, 149
Decimal	14861717
CIE Lab	80.89, 3.42, 27.88
CIE LCh	81, 28.085, 83.014
Yxy	58.2712, 0.3741, 0.3841
Android (android.graphics.Color)	4293051797 (0xFFE2C595)
YUV	200.1990, -25.2411, 22.6275
Hunter-Lab	76.3356, -0.8734, 24.9378

Details

The XYZ color **56.7551, 58.2712, 36.6899** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.0418, 43.7199, 78.1745**, and the grayscale version is **55.1602, 58.0328, 63.1977**.

A 20% lighter version of the original color is **87.4613, 96.4554, 70.5080**, and **28.6046, 29.0728, 15.6593** is the 20% darker color. If you saturate the color by 10%, you get **53.2452, 53.8641, 27.4653**, and if you desaturate by 10%, it is **60.7272, 63.0420, 47.7971**.

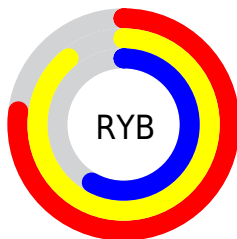
Distribution



Red (89%)

Green (77%)

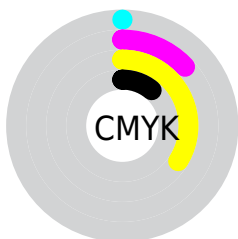
Blue (58%)



Red (77%)

Yellow (89%)

Blue (58%)

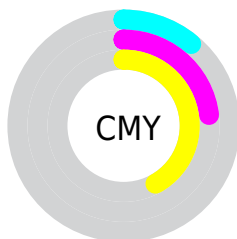


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (11%)



Cyan (11%)


Magenta (23%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7551, 58.2712, 36.6899 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 56.7551, 58.2712, 36.6899 by changing the saturation by 10% instead.


 56.7551, 58.2712,
36.6899


 56.7551, 58.2712,
36.6899


402.5600,
418.1957, 347.0942

 41.0480, 42.0267,
24.6736


 99.2412, 102.3177,
71.2766

 28.5444, 29.1222,
15.6172

 126.7509,
130.8885, 94.6840

 18.8790, 19.1733,
9.1023


158.9255,
164.3368, 122.7256

 11.6864, 11.7956,
4.7102

196.1305,
203.0471, 155.8198

 6.6012, 6.6046,
2.0225

238.7310,
247.4038, 194.3853

 3.2581, 3.2161,
0.5691

287.0926,

 1.2917, 1.2456,

297.7912, 238.8404

0.0000

341.5804,
354.5937, 289.6039

■ 0.1770, 0.0985,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7551, 58.2712,
36.6899

■ 56.7551, 58.2712,
36.6899

■ 53.2452, 53.8641,
27.4653

■ 60.7272, 63.0420,
47.7971

■ 50.1710, 49.8008,
20.0122

■ 65.1775, 68.1793,
60.8825

■ 47.5097, 46.0716,
14.2130

■ 70.1266, 73.6962,
76.0393

■ 45.2342, 42.6624,
9.9343

■ 75.5924, 79.6024,
93.3536

■ 43.3133, 39.5578,
7.0218

■ 80.4438, 85.4483,
106.8611

■ 41.7097, 36.7396,
5.2876

■ 83.0020, 90.5648,
107.7138

■ 40.8739, 35.1885,
4.6378

■ 85.1741, 94.9088,
108.4378

Harmonies

Analogous

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



62.3829, 58.2712, 41.1648



56.7551, 58.2712, 36.6899



51.1304, 58.2712, 38.3164

Triad

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



56.7551, 58.2712, 36.6899



45.7241, 58.2712, 76.7989



64.7985, 58.2712, 84.7123

Complementary

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



56.7551, 58.2712, 36.6899



42.0418, 43.7199, 78.1745

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.



59.8694, 58.2712, 97.6938



56.7551, 58.2712, 36.6899



48.9311, 58.2712, 92.5956

Square

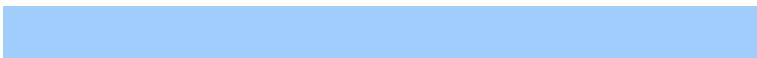
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7551, 58.2712, 36.6899



45.0181, 58.2712, 59.6346



54.0372, 58.2712, 100.8058



67.2326, 58.2712, 67.4194

Rectangle

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



56.7551, 58.2712, 36.6899



48.1069, 58.2712, 42.8076



54.0372, 58.2712, 100.8058



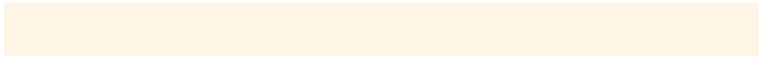
63.3626, 58.2712, 89.8399

Sweetspot

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



56.7566, 58.2739, 36.6911



88.2257, 92.4909, 87.6978



50.1998, 40.8994, 47.6411



18.6903, 19.5798, 18.1819



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.



56.7566, 58.2739, 36.6911



71.2428, 72.3994, 39.2641



61.2416, 71.3170, 38.9723



14.4155, 15.1169, 14.4649



23.4362, 20.3104, 2.6851



1.7098, 1.5784, 0.2145

Inverse Universe

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



42.0418, 43.7199, 78.1745



49.0849, 50.4954, 101.7673



38.5728, 34.2540, 76.5302



13.3728, 14.0848, 17.4015



9.7947, 7.0589, 41.8946



0.7631, 0.6577, 2.9320

Previews

White Background



This preview shows how the XYZ color 56.7551, 58.2712, 36.6899 looks on a white background.

Color Contrast Check

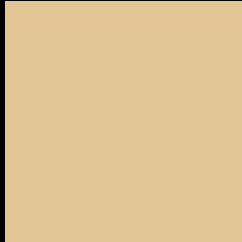
Large Text (above 18pt) WCAG AA × Fail

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 56.7551, 58.2712, 36.6899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

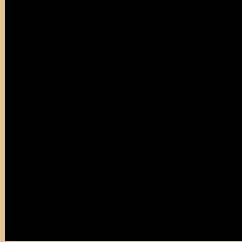
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7551, 58.2712, 36.6899

Background



This preview shows how black text looks on a background with the XYZ color 56.7551, 58.2712, 36.6899.



This preview shows how white text looks on a background with the XYZ color 56.7551, 58.2712,

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

56.7551, 58.2712, 36.6899

Protanopia

54.4969, 58.4547, 37.6888

Deuteranopia

59.5000, 58.3465, 36.9802



Tritanopia

62.5913, 58.3423, 65.0890

Trichromacy



Original Color

56.7551, 58.2712, 36.6899

Protanomaly

55.3727, 58.5706, 37.2410

Deuteranomaly

58.4011, 58.1092, 36.9923

Tritanomaly

60.3548, 58.4236, 53.4432

Monochromacy



Original Color

56.7551, 58.2712, 36.6899

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0584, 57.7384, 51.9588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7551, 58.2712, 36.6899 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(226, 197, 149)` looks like.

```
.text, #text, p{  
    color:rgb(226, 197, 149)  
}
```

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(226, 197, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 149) }
```

Border

The CSS property to change the border of an element to XYZ 56.7551, 58.2712, 36.6899 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(226, 197, 149) }
```


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

```
.border{ border-color:rgb(226, 197, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 197, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 197, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 197, 149);  
box-shadow:4px 4px 4px 4px rgb(226, 197,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7551, 58.2712, 36.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 149) }
```

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

```
.background{ background-color: rgb(226,  
197, 149) }
```

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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