

Converting Colors

XYZ(57.0344, 60.6059, 34.3922)

Have a look what the booklet for
XYZ(57.0344, 60.6059, 34.3922)
contains.

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Color

**XYZ(56.9789, 60.5122,
34.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CB8E
RGB	224, 203, 142
RGB Percent	88%, 80%, 56%
CMY	0.1216, 0.2039, 0.4431
CMYK	0.00, 0.09, 0.37, 0.12
HSL	45°, 57%, 72%
HSV	45°, 37%, 88%
XYZ	56.9789, 60.5122, 34.2681
YIQ	202.3250, 32.0970, -14.5190

Conversions

Conversions Part 2

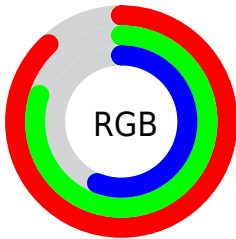
Format	Color
R _Y B	170, 224, 142
Decimal	14732174
CIE Lab	82.12, -1.32, 33.12
CIE LCh	82, 33.149, 92.279
Yxy	60.5122, 0.3755, 0.3987
Android (android.graphics.Color)	4292922254 (0xFFE0CB8E)
YUV	202.3250, -29.7402, 19.0090
Hunter-Lab	77.7896, -5.3851, 28.3341

Details

The XYZ color **56.9789, 60.5122, 34.2681** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7067, 37.3258, 75.7382**, and the grayscale version is **56.5093, 59.4522, 64.7434**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **28.7842, 30.5751, 14.2820** is the 20% darker color. If you saturate the color by 10%, you get **54.1343, 57.2493, 25.8400**, and if you desaturate by 10%, it is **60.2146, 64.0161, 44.4953**.

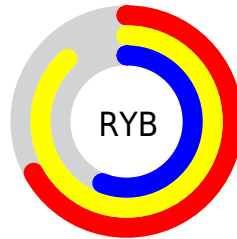
Distribution



Red (88%)

Green (80%)

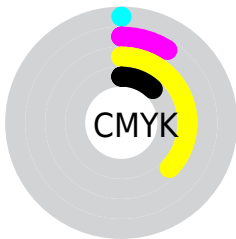
Blue (56%)



Red (67%)

Yellow (88%)

Blue (56%)

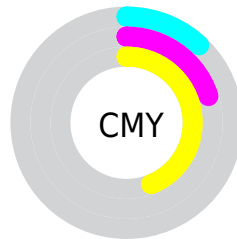


Cyan (0%)

Magenta (9%)

Yellow (37%)

Black (12%)



Cyan (12%)


Magenta (20%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9789, 60.5122, 34.2681 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 56.9789, 60.5122, 34.2681 by changing the saturation by 10% instead.


 56.9789, 60.5122,
34.2681


 56.9789, 60.5122,
34.2681


403.3857,
426.4832, 336.1314

 41.2284, 43.8316,
22.8206


 99.5659, 105.5723,
67.4890

 28.6860, 30.5382,
14.2570


 127.1332,
134.7206, 90.0995

 18.9865, 20.2474,
8.1589


159.3700,
168.7937, 117.2681

 11.7645, 12.5750,
4.1075

196.6418,
208.1758, 149.4134

 6.6546, 7.1366,
1.6845

239.3139,
253.2514, 186.9538

 3.2914, 3.5477,
0.3501

287.7517,

 1.3097, 1.4239,

304.4049, 230.3079

0.0000

342.3205,
362.0207, 279.8943

■ 0.1905, 0.2342,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9789, 60.5122,
34.2681

■ 56.9789, 60.5122,
34.2681

■ 54.1343, 57.2493,
25.8400

■ 60.2146, 64.0161,
44.4953

■ 51.6554, 54.2098,
19.0997


■ 63.8562, 67.7612,
56.6163


■ 49.5206, 51.3864,
13.9297


■ 67.9228, 71.7581,
70.7236


■ 47.7039, 48.7678,
10.1954


■ 72.4312, 76.0144,
86.9026


 46.1748, 46.3409,
7.7395


 77.3972, 80.5372,
105.2336


 44.8949, 44.0895,
6.3622

 79.1954, 83.8772,
106.6236

 44.4949, 43.3562,
6.0235

 80.8865, 87.2593,
107.1873

 82.6312, 90.7487,
107.7689

 84.4300, 94.3463,
108.3685

Harmonies

Analogous

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



64.0384, 60.5122, 37.2035



56.9789, 60.5122, 34.2681



50.5904, 60.5122, 38.2657

Triad

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



56.9789, 60.5122, 34.2681



46.8215, 60.5122, 88.8131



70.3373, 60.5122, 85.5974

Complementary

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



56.9789, 60.5122, 34.2681



37.7067, 37.3258, 75.7382

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.



65.0443, 60.5122, 104.3602



56.9789, 60.5122, 34.2681



51.4504, 60.5122, 106.4671

Square

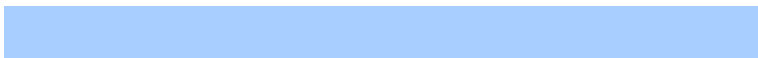
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.9789, 60.5122, 34.2681



45.0319, 60.5122, 67.4398



58.0545, 60.5122, 112.6632



72.1150, 60.5122, 64.3592

Rectangle

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



56.9789, 60.5122, 34.2681



47.4666, 60.5122, 44.9172



58.0545, 60.5122, 112.6632



68.8900, 60.5122, 92.5401

Sweetspot

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



56.9804, 60.5150, 34.2693



88.6098, 93.8264, 86.0769



47.1027, 37.8695, 39.8865



18.8070, 19.9261, 17.8722



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.



56.9804, 60.5150, 34.2693



73.4535, 77.7785, 37.0486



56.6785, 68.2246, 35.7734



14.5592, 15.4043, 14.5128



25.9962, 25.4303, 3.5384



1.8725, 1.9039, 0.2688

Inverse Universe

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



37.7067, 37.3258, 75.7382



44.0057, 42.3670, 100.4660



37.8530, 32.3195, 74.7642



13.2359, 13.8109, 17.3558



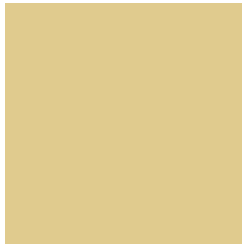
8.7718, 5.0131, 41.5537



0.6793, 0.4900, 2.9040

Previews

White Background



This preview shows how the XYZ color 56.9789, 60.5122, 34.2681 looks on a white background.

Color Contrast Check

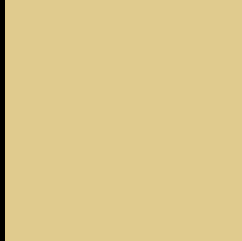
Large Text (above 18pt) WCAG AA × Fail

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 56.9789, 60.5122, 34.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

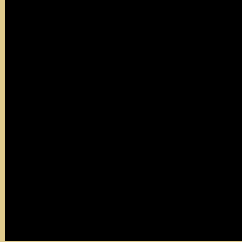
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9789, 60.5122, 34.2681

Background



This preview shows how black text looks on a background with the XYZ color 56.9789, 60.5122, 34.2681.



This preview shows how white text looks on a background with the XYZ color 56.9789, 60.5122,

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

56.9789, 60.5122, 34.2681

Protanopia

56.2941, 60.5109, 34.3039

Deuteranopia

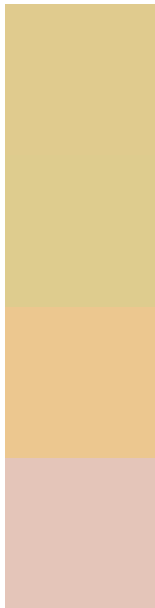
61.7361, 60.5482, 34.8187



Tritanopia

63.8796, 60.2256, 69.2307

Trichromacy



Original Color

56.9789, 60.5122, 34.2681

Protanomaly

56.5996, 60.6683, 34.3182

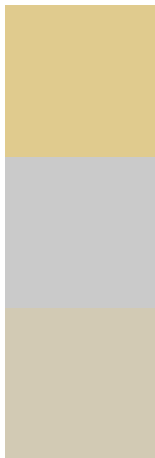
Deuteranomaly

59.9734, 60.6629, 34.5348

Tritanomaly

60.7181, 59.9293, 54.2663

Monochromacy



Original Color

56.9789, 60.5122, 34.2681

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9371, 59.2380, 51.6659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9789, 60.5122, 34.2681 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(224, 203, 142)` looks like.

```
.text, #text, p{  
    color:rgb(224, 203, 142)  
}
```

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(224, 203, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 203, 142) }
```

Border

The CSS property to change the border of an element to XYZ 56.9789, 60.5122, 34.2681 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(224, 203, 142) }
```


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

```
.border{ border-color:rgb(224, 203, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 203, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 203, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 203, 142); box-shadow:4px 4px 4px 4px rgb(224, 203, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9789, 60.5122, 34.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 203, 142) }
```

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

```
.background{ background-color: rgb(224,  
203, 142) }
```

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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