

Converting Colors

XYZ(55.8480, 56.8579, 33.6223)

Have a look what the booklet for
XYZ(55.8480, 56.8579, 33.6223)
contains.

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Color

**XYZ(55.8528, 56.8675,
33.6239)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C28E
RGB	227, 194, 142
RGB Percent	89%, 76%, 56%
CMY	0.1098, 0.2392, 0.4431
CMYK	0.00, 0.15, 0.37, 0.11
HSL	37°, 60%, 72%
HSV	37°, 37%, 89%
XYZ	55.8528, 56.8675, 33.6239
YIQ	197.9390, 36.3600, -9.1760

Conversions

Conversions Part 2

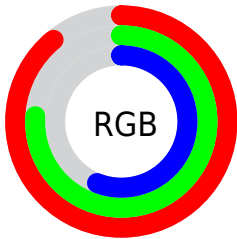
Format	Color
R _Y B	196, 227, 142
Decimal	14926478
CIE Lab	80.11, 4.55, 30.51
CIE LCh	80, 30.852, 81.513
Yxy	56.8675, 0.3817, 0.3886
Android (android.graphics.Color)	4293116558 (0xFFE3C28E)
YUV	197.9390, -27.5779, 25.4865
Hunter-Lab	75.4105, 0.2375, 26.3513

Details

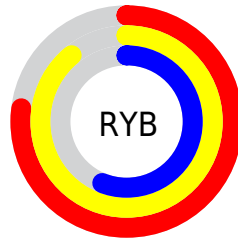
The XYZ color **55.8528, 56.8675, 33.6239** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.3498, 41.9552, 78.6444**, and the grayscale version is **53.7875, 56.5886, 61.6250**.

A 20% lighter version of the original color is **85.3894, 93.6167, 65.7939**, and **27.9908, 28.3511, 13.8946** is the 20% darker color. If you saturate the color by 10%, you get **52.4161, 52.4494, 24.9090**, and if you desaturate by 10%, it is **59.7558, 61.6623, 44.2077**.

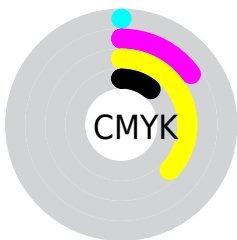
Distribution



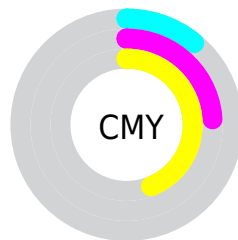
- Red (89%)
- Green (76%)
- Blue (56%)



- Red (77%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8528, 56.8675, 33.6239 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 55.8528, 56.8675, 33.6239 by changing the saturation by 10% instead.


 55.8528, 56.8675,
33.6239

 55.8528, 56.8675,
33.6239


399.2206,
412.9526, 333.1696

 40.3215, 40.8989,
22.3298


 97.9304, 100.2718,
66.4756

 27.9746, 28.2401,
13.8988


 125.2073,
128.4763, 88.8702

 18.4469, 18.5067,
7.9124


157.1302,
161.5282, 115.8021

 11.3729, 11.3144,
3.9520

194.0643,
199.8119, 147.6899

 6.3874, 6.2787,
1.5990

236.3750,
243.7118, 184.9519

 3.1249, 3.0153,
0.2901

284.4278,

 1.2202, 1.1397,

293.6123, 228.0069

0.0000

338.5878,
349.8978, 277.2732

■ 0.1222, 0.0116,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8528, 56.8675,
33.6239

■ 55.8528, 56.8675,
33.6239

■ 52.4161, 52.4494,
24.9090

■ 59.7558, 61.6623,
44.2077

■ 49.4182, 48.3876,
17.9473

■ 64.1420, 66.8376,
56.7598

■ 46.8349, 44.6713,
12.6152

■ 69.0330, 72.4070,
71.3767

■ 44.6374, 41.2855,
8.7716

■ 74.4472, 78.3809,
88.1475

■ 42.7923, 38.2134,
6.2509

■ 80.3215, 84.7369,
106.7302

■ 41.2554, 35.4338,
4.8316

■ 82.9510, 89.9959,
107.6067

■ 40.8945, 34.7628,
4.5545

■ 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.



61.9203, 56.8675, 38.6002



55.8528, 56.8675, 33.6239



49.7420, 56.8675, 34.9938

Triad

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



55.8528, 56.8675, 33.6239



43.5760, 56.8675, 75.4883



64.0657, 56.8675, 86.0340

Complementary

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



55.8528, 56.8675, 33.6239



40.3498, 41.9552, 78.6444

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.



58.6016, 56.8675, 99.9918



55.8528, 56.8675, 33.6239



46.8781, 56.8675, 93.1292

Square

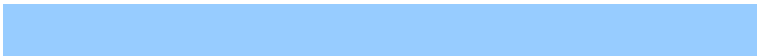
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.8528, 56.8675, 33.6239



42.9647, 56.8675, 56.9537



52.2881, 56.8675, 102.8133



66.8968, 56.8675, 67.1649

Rectangle

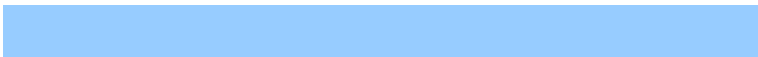
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.8528, 56.8675, 33.6239



46.4351, 56.8675, 39.4634



52.2881, 56.8675, 102.8133



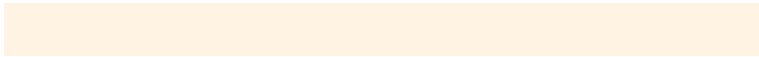
62.4568, 56.8675, 91.5963

Sweetspot

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



55.8542, 56.8701, 33.6251



87.4826, 91.5720, 85.7012



49.1883, 38.8120, 45.9738



18.5376, 19.3874, 17.7824



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.



55.8542, 56.8701, 33.6251



69.1518, 69.4802, 34.6740



61.4149, 71.8738, 36.2280



15.1073, 15.8285, 15.1634



23.9663, 20.5067, 2.6950



1.8606, 1.6944, 0.2290

Inverse Universe

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



40.3498, 41.9552, 78.6444



46.2130, 47.4284, 101.3267



36.2085, 31.4243, 76.8300



14.0393, 14.8000, 18.2611



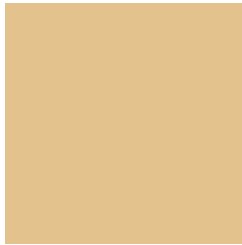
10.2321, 7.5263, 43.2966



0.8441, 0.7322, 3.2288

Previews

White Background



This preview shows how the XYZ color 55.8528, 56.8675, 33.6239 looks on a white background.

Color Contrast Check

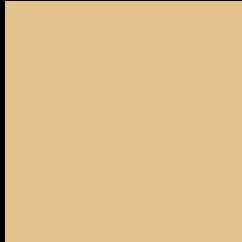
Large Text (above 18pt) WCAG AA × Fail

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 55.8528, 56.8675, 33.6239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

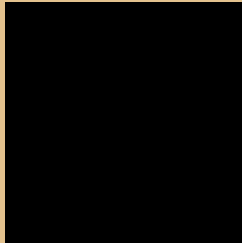
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8528, 56.8675, 33.6239

Background



This preview shows how black text looks on a background with the XYZ color 55.8528, 56.8675, 33.6239.



This preview shows how white text looks on a background with the XYZ color 55.8528, 56.8675,

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

55.8528, 56.8675, 33.6239

Protanopia

53.1890, 57.1566, 34.6145

Deuteranopia

57.9635, 56.6429, 33.8648



Tritanopia

61.7058, 56.6585, 62.9423

Trichromacy



Original Color

55.8528, 56.8675, 33.6239

Protanomaly

54.1376, 56.9757, 34.1307

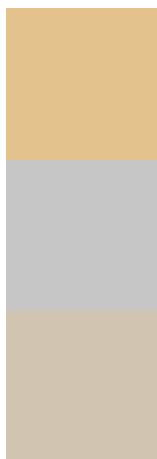
Deuteranomaly

57.1930, 56.5684, 33.8910

Tritanomaly

59.3908, 56.6794, 50.9900

Monochromacy



Original Color

55.8528, 56.8675, 33.6239

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2966, 56.7022, 50.2024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8528, 56.8675, 33.6239 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, 194, 142)` looks like.

```
.text, #text, p{  
    color:rgb(227, 194, 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(227, 194, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 194, 142) }
```

Border

The CSS property to change the border of an element to XYZ 55.8528, 56.8675, 33.6239 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, 194, 142) }
```


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

```
.border{ border-color:rgb(227, 194, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 194, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 194, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 194, 142);  
box-shadow:4px 4px 4px 4px rgb(227, 194,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8528, 56.8675, 33.6239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 194, 142) }
```

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

```
.background{ background-color: rgb(227,  
194, 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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