

Converting Colors

XYZ(56.5685, 55.3066, 33.7206)

Have a look what the booklet for
XYZ(56.5685, 55.3066, 33.7206)
contains.

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Color

**XYZ(56.5454, 55.2732,
33.6751)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BC8F
RGB	233, 188, 143
RGB Percent	91%, 74%, 56%
CMY	0.0863, 0.2627, 0.4392
CMYK	0.00, 0.19, 0.39, 0.09
HSL	30°, 67%, 74%
HSV	30°, 39%, 91%
XYZ	56.5454, 55.2732, 33.6751
YIQ	196.3250, 41.2650, -4.4550

Conversions

Conversions Part 2

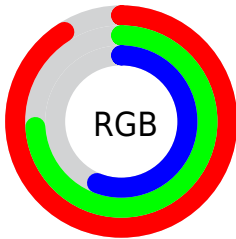
Format	Color
R _Y B	233, 233, 143
Decimal	15318159
CIE Lab	79.20, 10.19, 28.88
CIE LCh	79, 30.626, 70.575
Yxy	55.2732, 0.3886, 0.3799
Android (android.graphics.Color)	4293508239 (0xFFE9BC8F)
YUV	196.3250, -26.2892, 32.1640
Hunter-Lab	74.3459, 5.6566, 25.1867

Details

The XYZ color **56.5454, 55.2732, 33.6751** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0183, 47.6876, 83.9754**, and the grayscale version is **52.8012, 55.5510, 60.4951**.

A 20% lighter version of the original color is **83.6687, 89.9926, 65.7838**, and **28.5002, 27.3308, 13.8985** is the 20% darker color. If you saturate the color by 10%, you get **52.5718, 49.8634, 24.5283**, and if you desaturate by 10%, it is **61.0893, 61.2366, 44.8217**.

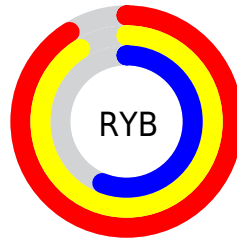
Distribution



Red (91%)

Green (74%)

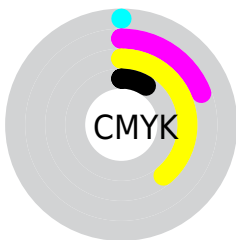
Blue (56%)



Red (91%)

Yellow (91%)

Blue (56%)

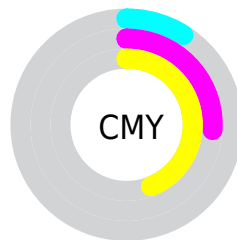


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (9%)



Cyan (9%)


Magenta (26%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5454, 55.2732, 33.6751 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 56.5454, 55.2732, 33.6751 by changing the saturation by 10% instead.


 56.5454, 55.2732,
33.6751

 56.5454, 55.2732,
33.6751


401.7854,
406.9467, 333.4057

 40.8791, 39.6205,
22.3688


 98.9368, 97.9411,
66.5562

 28.4119, 27.2428,
13.9272


 126.3925,
125.7251, 88.9681

 18.7784, 17.7556,
7.9319


158.5088,
158.3217, 115.9189

 11.6133, 10.7747,
3.9642

195.6509,
196.1152, 147.8271

 6.5513, 5.9155,
1.6058

238.1843,
239.4901, 185.1114

 3.2269, 2.7938,
0.2949

286.4743,

 1.2749, 1.0250,

288.8307, 228.1903

0.0000

340.8862,
344.5214, 277.4822

■ 0.1643, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5454, 55.2732,
33.6751

■ 56.5454, 55.2732,
33.6751

■ 52.5718, 49.8634,
24.5283

■ 61.0893, 61.2366,
44.8217

■ 49.1367, 44.9808,
17.2559

■ 66.2247, 67.7633,
58.0764

■ 46.2113, 40.6081,
11.7236

■ 71.9769, 74.8724,
73.5436

■ 43.7613, 36.7234,
7.7771

■ 78.3680, 82.5797,
91.3196

■ 41.7474, 33.3026,
5.2347

■ 84.6859, 90.6070,
107.6332

■ 40.1136, 30.3143,
3.8290

■ 87.4143, 96.0636,
108.5427

■ 39.9090, 29.9330,
3.6742

Harmonies

Analogous

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



61.9862, 55.2732, 40.8225



56.5454, 55.2732, 33.6751



50.4061, 55.2732, 32.7698

Triad

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



56.5454, 55.2732, 33.6751



41.8000, 55.2732, 66.5800



60.5641, 55.2732, 89.5688

Complementary

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



56.5454, 55.2732, 33.6751



44.0183, 47.6876, 83.9754

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.



54.7241, 55.2732, 99.7446



56.5454, 55.2732, 33.6751



44.0979, 55.2732, 84.8625

Square

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



56.5454, 55.2732, 33.6751



42.2046, 55.2732, 49.6603



48.7198, 55.2732, 97.8723



64.4281, 55.2732, 72.0963

Rectangle

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



56.5454, 55.2732, 33.6751



46.7763, 55.2732, 35.5887



48.7198, 55.2732, 97.8723



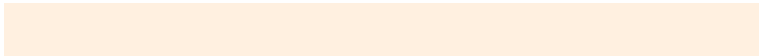
58.7490, 55.2732, 94.0963

Sweetspot

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



56.5468, 55.2758, 33.6762



85.8212, 88.8082, 83.4242



52.5042, 40.5999, 52.6467



18.1690, 18.7616, 17.3159



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.



56.5468, 55.2758, 33.6762



65.6262, 62.7272, 32.5797



67.7012, 77.5847, 37.3944



15.6878, 16.2986, 15.8378



22.7692, 17.2327, 2.1262



1.8841, 1.5456, 0.1990

Inverse Universe

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



44.0183, 47.6876, 83.9754



48.2991, 52.2327, 102.1440



35.8587, 31.3684, 81.2555



14.8534, 15.7932, 19.1878



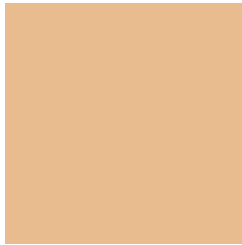
12.0454, 10.7377, 45.1807



1.0421, 1.0356, 3.5798

Previews

White Background



This preview shows how the XYZ color 56.5454, 55.2732, 33.6751 looks on a white background.

Color Contrast Check

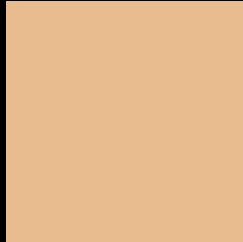
Large Text (above 18pt) WCAG AA × Fail

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 56.5454, 55.2732, 33.6751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

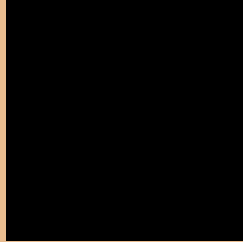
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5454, 55.2732, 33.6751

Background



This preview shows how black text looks on a background with the XYZ color 56.5454, 55.2732, 33.6751.



This preview shows how white text looks on a background with the XYZ color 56.5454, 55.2732,

33.6751.

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

56.5454, 55.2732, 33.6751

Protanopia

51.5847, 55.2881, 35.5566

Deuteranopia

56.5454, 55.2732, 33.6751



Tritanopia

61.6341, 55.1650, 59.0292

Trichromacy



Original Color

56.5454, 55.2732, 33.6751

Protanomaly

53.1717, 55.1207, 35.0310

Deuteranomaly

56.5454, 55.2732, 33.6751

Tritanomaly

59.5690, 55.2484, 48.5987

Monochromacy



Original Color

56.5454, 55.2732, 33.6751

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.3003, 54.8696, 49.3766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5454, 55.2732, 33.6751 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(233, 188, 143)` looks like.

```
.text, #text, p{  
    color:rgb(233, 188, 143)  
}
```

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(233, 188, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 188, 143) }
```

Border

The CSS property to change the border of an element to XYZ 56.5454, 55.2732, 33.6751 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(233, 188, 143) }
```


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

```
.border{ border-color:rgb(233, 188, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 188, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 188, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 188, 143);  
box-shadow:4px 4px 4px 4px rgb(233, 188,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5454, 55.2732, 33.6751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 188, 143) }
```

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

```
.background{ background-color: rgb(233,  
188, 143) }
```

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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