

Converting Colors

XYZ(56.4825, 55.4154, 38.4015)

Have a look what the booklet for
XYZ(56.4825, 55.4154, 38.4015)
contains.

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Color

**XYZ(56.3434, 55.3863,
38.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BD9A
RGB	229, 189, 154
RGB Percent	90%, 74%, 60%
CMY	0.1020, 0.2588, 0.3961
CMYK	0.00, 0.17, 0.33, 0.10
HSL	28°, 59%, 75%
HSV	28°, 33%, 90%
XYZ	56.3434, 55.3863, 38.2929
YIQ	196.9700, 35.0750, -2.4050

Conversions

Conversions Part 2

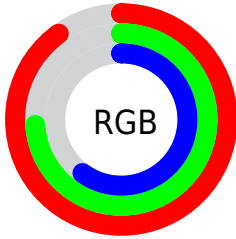
Format	Color
RYB	229, 220, 154
Decimal	15056282
CIELab	79.26, 9.40, 23.07
CIElCh	79, 24.917, 67.827
Yxy	55.3863, 0.3756, 0.3692
Android (android.graphics.Color)	4293246362 (0xFFE5BD9A)
YUV	196.9700, -21.1842, 28.0903
Hunter-Lab	74.4220, 4.9004, 21.5884

Details

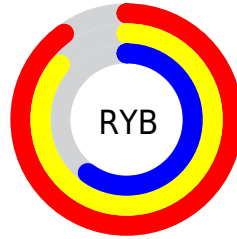
The XYZ color **56.3434, 55.3863, 38.2929** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.7605, 51.1091, 81.5292**, and the grayscale version is **53.1630, 55.9317, 60.9096**.

A 20% lighter version of the original color is **85.4010, 91.1683, 73.4177**, and **28.2656, 27.3582, 16.6229** is the 20% darker color. If you saturate the color by 10%, you get **52.0982, 49.6624, 28.3488**, and if you desaturate by 10%, it is **61.1765, 61.7033, 50.2292**.

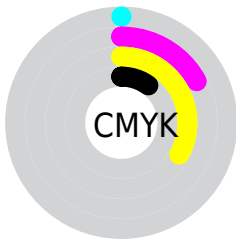
Distribution



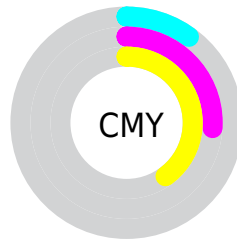
- Red (90%)
- Green (74%)
- Blue (60%)



- Red (90%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3434, 55.3863, 38.2929 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 56.3434, 55.3863, 38.2929 by changing the saturation by 10% instead.


 56.3434, 55.3863,
38.2929

 56.3434, 55.3863,
38.2929


401.0384,
407.3746, 354.2106

 40.7164, 39.7111,
25.9065


 98.6434, 98.1067,
73.7653

 28.2842, 27.3134,
16.5286


 126.0471,
125.9207, 97.6883

 18.6816, 17.8087,
9.7406


158.1070,
158.5498, 126.2939

 11.5431, 10.8127,
5.1239

195.1886,
196.3783, 160.0008

 6.5033, 5.9411,
2.2602

237.6572,
239.7906, 199.2273

 3.1970, 2.8093,
0.7088

285.8781,

 1.2588, 1.0330,

289.1712, 244.3921

0.0000

340.2168,
344.9044, 295.9137

■ 0.1520, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3434, 55.3863,
38.2929

■ 56.3434, 55.3863,
38.2929

■ 52.0982, 49.6624,
28.3488

■ 61.1765, 61.7033,
50.2292

■ 48.4105, 44.5048,
20.2825

■ 66.6177, 68.6237,
64.2567

■ 45.2533, 39.8956,
13.9728

■ 72.6911, 76.1675,
80.4719

■ 42.5949, 35.8128,
9.2830

■ 79.4184, 84.3510,
98.9642

■ 40.3999, 32.2323,
6.0555

■ 84.5689, 92.2896,
107.9642

■ 38.6261, 29.1270,
4.1004

■ 86.1231, 95.3980,
108.4822

■ 37.5585, 27.1488,
3.2607

Harmonies

Analogous

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



60.5814, 55.3863, 44.9913



56.3434, 55.3863, 38.2929



51.3487, 55.3863, 36.9972

Triad

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



56.3434, 55.3863, 38.2929



43.7080, 55.3863, 64.1217



58.7419, 55.3863, 84.6871

Complementary

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



56.3434, 55.3863, 38.2929



46.7605, 51.1091, 81.5292

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.



53.9589, 55.3863, 91.7886



56.3434, 55.3863, 38.2929



45.4303, 55.3863, 78.7533

Square

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



56.3434, 55.3863, 38.2929



44.2575, 55.3863, 50.5295



49.1083, 55.3863, 89.4612



62.0259, 55.3863, 71.2692

Rectangle

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



56.3434, 55.3863, 38.2929



48.2949, 55.3863, 39.1444



49.1083, 55.3863, 89.4612



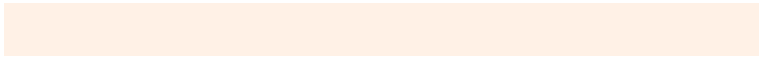
57.2446, 55.3863, 87.9813

Sweetspot

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



56.3448, 55.3889, 38.2940



87.0271, 90.0938, 87.2983



53.6067, 43.6649, 56.6422



18.4003, 18.9998, 18.0852



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.



56.3448, 55.3889, 38.2940



68.3154, 65.8705, 40.3667



65.4785, 73.6562, 41.3386



14.9287, 15.4714, 15.1039



21.5922, 15.7586, 1.9037



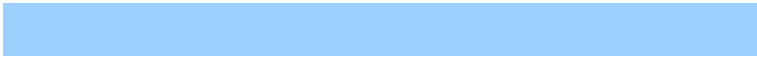
1.6878, 1.3490, 0.1714

Inverse Universe

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



46.7605, 51.1091, 81.5292



54.3718, 59.6399, 103.2537



39.4424, 36.4730, 79.0899



14.2161, 15.1535, 18.3200



12.1954, 11.4528, 43.9510



0.9940, 1.0319, 3.2788

Previews

White Background



This preview shows how the XYZ color 56.3434, 55.3863, 38.2929 looks on a white background.

Color Contrast Check

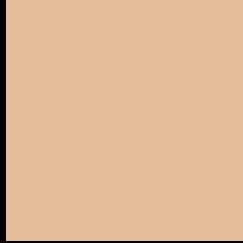
Large Text (above 18pt) WCAG AA × Fail

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 56.3434, 55.3863, 38.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

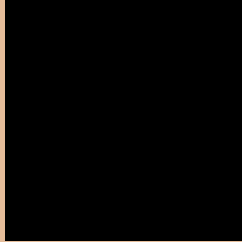
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3434, 55.3863, 38.2929

Background



This preview shows how black text looks on a background with the XYZ color 56.3434, 55.3863, 38.2929.



This preview shows how white text looks on a background with the XYZ color 56.3434, 55.3863,

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

56.3434, 55.3863, 38.2929

Protanopia

52.1202, 55.4695, 39.8579

Deuteranopia

56.6635, 55.5513, 38.3078



Tritanopia

60.9432, 55.3906, 60.3027

Trichromacy



Original Color

56.3434, 55.3863, 38.2929

Protanomaly

53.3896, 55.1392, 39.2815

Deuteranomaly

56.6635, 55.5513, 38.3078

Tritanomaly

58.9682, 55.1899, 51.2608

Monochromacy



Original Color

56.3434, 55.3863, 38.2929

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.9268, 55.4751, 51.5816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3434, 55.3863, 38.2929 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, 189, 154)` looks like.

```
.text, #text, p{  
    color:rgb(229, 189, 154)  
}
```

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, 189, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 189, 154) }
```

Border

The CSS property to change the border of an element to XYZ 56.3434, 55.3863, 38.2929 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, 189, 154) }
```


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

```
.border{ border-color:rgb(229, 189, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 189, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 189, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 189, 154);  
box-shadow:4px 4px 4px 4px rgb(229, 189,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3434, 55.3863, 38.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 189, 154) }
```

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

```
.background{ background-color: rgb(229,  
189, 154) }
```

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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