

Converting Colors

XYZ(56.5830, 52.7050, 38.6433)

Have a look what the booklet for
XYZ(56.5830, 52.7050, 38.6433)
contains.

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Color

**XYZ(56.5830, 52.7050,
38.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB49C
RGB	235, 180, 156
RGB Percent	92%, 71%, 61%
CMY	0.0784, 0.2941, 0.3882
CMYK	0.00, 0.23, 0.34, 0.08
HSL	18°, 66%, 77%
HSV	18°, 34%, 92%
XYZ	56.5830, 52.7050, 38.6433
YIQ	193.7090, 40.4840, 4.1960

Conversions

Conversions Part 2

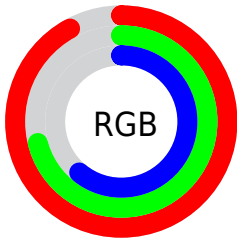
Format	Color
R _Y B	235, 190, 156
Decimal	15447196
CIE Lab	77.70, 16.73, 19.95
CIE LCh	78, 26.040, 50.011
Yxy	52.7050, 0.3825, 0.3563
Android (android.graphics.Color)	4293637276 (0xFFEBB49C)
YUV	193.7090, -18.5905, 36.2122
Hunter-Lab	72.5982, 12.0759, 19.2593

Details

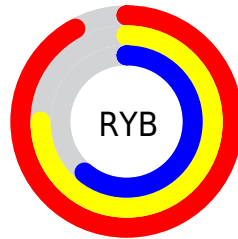
The XYZ color **56.5830, 52.7050, 38.6433** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9992, 59.6526, 87.3709**, and the grayscale version is **51.1970, 53.8632, 58.6570**.

A 20% lighter version of the original color is **82.9933, 85.9541, 73.8446**, and **28.4993, 25.6636, 16.8161** is the 20% darker color. If you saturate the color by 10%, you get **51.6726, 45.7665, 28.1205**, and if you desaturate by 10%, it is **62.2710, 60.5821, 51.3257**.

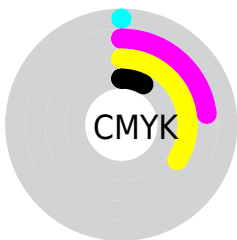
Distribution



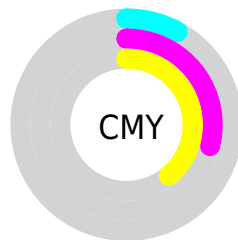
- Red (92%)
- Green (71%)
- Blue (61%)



- Red (92%)
- Yellow (75%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5830, 52.7050, 38.6433 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 56.5830, 52.7050, 38.6433 by changing the saturation by 10% instead.


 56.5830, 52.7050,
38.6433

 56.5830, 52.7050,
38.6433


401.9244,
397.1523, 355.7521

 40.9094, 37.5673,
26.1767


 98.9914, 94.1701,
74.3074

 28.4356, 25.6470,
16.7289


 126.4568,
121.2664, 98.3420

 18.7964, 16.5598,
9.8815

158.5835,
153.1176, 127.0696

 11.6264, 9.9211,
5.2159

195.7369,
190.1082, 160.9087

 6.5602, 5.3467,
2.3135

238.2824,
232.6226, 200.2780

 3.2325, 2.4521,
0.7388

286.5852,

 1.2779, 0.8525,

281.0451, 245.5960

0.0000

341.0108,
335.7602, 297.2812

■ 0.1666, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5830, 52.7050,
38.6433

■ 56.5830, 52.7050,
38.6433

■ 51.6726, 45.7665,
28.1205

■ 62.2710, 60.5821,
51.3257

■ 47.4999, 39.7233,
19.6322

■ 68.7657, 69.4241,
66.2767

■ 44.0274, 34.5393,
13.0454

■ 76.1000, 79.2659,
83.6018

■ 41.2122, 30.1733,
8.2095

■ 84.3033, 90.1378,
103.3988

■ 39.0063, 26.5800,
4.9510

■ 88.0710, 96.4022,
108.5734

■ 37.3533, 23.7087,
3.0595

■ 36.5402, 22.2206,
2.3631

Harmonies

Analogous

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



59.7618, 52.7050, 48.4050



56.5830, 52.7050, 38.6433



51.7942, 52.7050, 34.1663

Triad

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



56.5830, 52.7050, 38.6433



41.1450, 52.7050, 52.7065



53.4839, 52.7050, 87.6100

Complementary

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



56.5830, 52.7050, 38.6433



51.9992, 59.6526, 87.3709

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.



48.4325, 52.7050, 89.2840



56.5830, 52.7050, 38.6433



41.5304, 52.7050, 67.4161

Square

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



56.5830, 52.7050, 38.6433



43.0315, 52.7050, 41.3369



44.1221, 52.7050, 81.3816



57.8910, 52.7050, 77.1313

Rectangle

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



56.5830, 52.7050, 38.6433



48.4290, 52.7050, 34.1675



44.1221, 52.7050, 81.3816



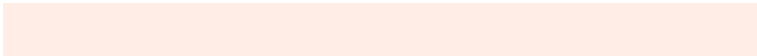
51.7978, 52.7050, 89.2816

Sweetspot

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



56.5844, 52.7075, 38.6444



85.8090, 87.6574, 86.8923



57.9453, 46.1579, 67.6811



18.1066, 18.4123, 17.9873



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.



56.5844, 52.7075, 38.6444



64.1289, 57.8383, 37.9209



65.6458, 70.8303, 41.6648



15.4387, 15.8004, 15.7548



20.4346, 12.5635, 1.3480



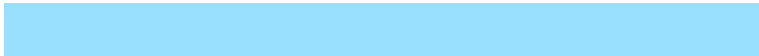
1.6866, 1.1506, 0.1332

Inverse Universe

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



51.9992, 59.6526, 87.3709



57.8442, 67.3070, 104.5506



43.4207, 42.4957, 84.5114



15.1090, 16.3044, 19.2730



15.8111, 18.2692, 46.4359



1.3256, 1.6027, 3.6744

Previews

White Background



This preview shows how the XYZ color 56.5830, 52.7050, 38.6433 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 56.5830, 52.7050, 38.6433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

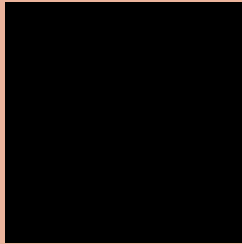
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5830, 52.7050, 38.6433

Background



This preview shows how black text looks on a background with the XYZ color 56.5830, 52.7050, 38.6433.



This preview shows how white text looks on a background with the XYZ color 56.5830, 52.7050,

38.6433.

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

56.5830, 52.7050, 38.6433

Protanopia

49.9998, 53.0044, 41.7780

Deuteranopia

54.0058, 52.9118, 38.3769



Tritanopia

59.7752, 52.5112, 55.1293

Trichromacy



Original Color

56.5830, 52.7050, 38.6433

Protanomaly

52.3527, 52.9516, 40.7191

Deuteranomaly

54.8448, 52.7275, 38.2971

Tritanomaly

58.5830, 52.6231, 48.6646

Monochromacy



Original Color

56.5830, 52.7050, 38.6433

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.7303, 53.2458, 50.6783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5830, 52.7050, 38.6433 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(235, 180, 156)` looks like.

```
.text, #text, p{  
    color:rgb(235, 180, 156)  
}
```

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(235, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 180, 156) }
```

Border

The CSS property to change the border of an element to XYZ 56.5830, 52.7050, 38.6433 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(235, 180, 156) }
```


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

```
.border{ border-color:rgb(235, 180, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 180, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(235, 180,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5830, 52.7050, 38.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 180, 156) }
```

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

```
.background{ background-color: rgb(235,  
180, 156) }
```

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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