

Converting Colors

XYZ(56.4578, 51.5377, 54.8444)

Have a look what the booklet for
XYZ(56.4578, 51.5377, 54.8444)
contains.

XYZ(56.4697, 51.6837, 55.1438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4697, 51.6837,
55.1438)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B2BD
RGB	226, 178, 189
RGB Percent	89%, 70%, 74%
CMY	0.1137, 0.3019, 0.2588
CMYK	0.00, 0.21, 0.16, 0.11
HSL	346°, 45%, 79%
HSV	346°, 21%, 89%
XYZ	56.4697, 51.6837, 55.1438
YIQ	193.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

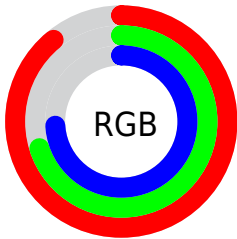
Format	Color
R _Y B	226, 178, 189
Decimal	14856893
CIE Lab	77.09, 19.08, 1.08
CIE LCh	77, 19.110, 3.247
Yxy	51.6837, 0.3458, 0.3165
Android (android.graphics.Color)	4293046973 (0xFFE2B2BD)
YUV	193.6060, -2.2708, 28.4095
Hunter-Lab	71.8914, 14.3994, 4.8460

Details

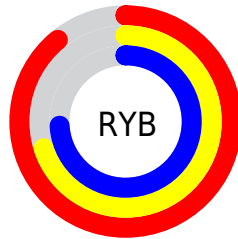
The XYZ color **56.4697, 51.6837, 55.1438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8243, 68.7652, 74.5186**, and the grayscale version is **51.0492, 53.7078, 58.4878**.

A 20% lighter version of the original color is **87.1442, 86.6982, 98.5276**, and **28.3551, 24.9909, 26.6218** is the 20% darker color. If you saturate the color by 10%, you get **50.5591, 42.7092, 44.3969**, and if you desaturate by 10%, it is **63.3512, 62.2354, 67.3364**.

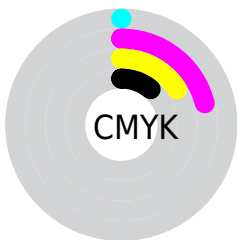
Distribution



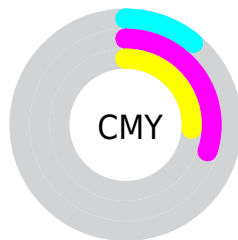
- Red (89%)
- Green (70%)
- Blue (74%)



- Red (89%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4697, 51.6837, 55.1438 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 56.4697, 51.6837, 55.1438 by changing the saturation by 10% instead.

■ 56.4697, 51.6837,
55.1438

■ 56.4697, 51.6837,
55.1438

401.5056,
393.2143, 423.7541

■ 40.8181, 36.7530,
39.1175

■ 98.8268, 92.6646,
99.2249

■ 28.3640, 25.0163,
26.5426

126.2631,
119.4836, 128.1167

■ 18.7421, 16.0892,
17.0006

158.3583,
151.0342, 162.1342

■ 11.5870, 9.5873,
10.0730

195.4777,
187.7007, 201.6957

■ 6.5333, 5.1262,
5.3411

237.9868,
229.8676, 247.2200

■ 3.2157, 2.3215,
2.3866

286.2510,

■ 1.2688, 0.7851,

277.9192, 299.1254

0.7791

340.6354,
332.2400, 357.8306

■ 0.1597, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4697, 51.6837,
55.1438

■ 56.4697, 51.6837,
55.1438

■ 50.5591, 42.7092,
44.3969

■ 63.3512, 62.2354,
67.3364

■ 45.5709, 35.2290,
35.0383

■ 71.2405, 74.4277,
81.0228

■ 41.4586, 29.1636,
27.0111

■ 80.1782, 88.3292,
96.2528

■ 38.1701, 24.4231,
20.2534

■ 85.1742, 94.9088,
108.4378

■ 35.6476, 20.9072,
14.6983

■ 33.8252, 18.5011,
10.2720

■ 32.6254, 17.0681,
6.8921

■ 31.9790, 16.4148,
4.7054

Harmonies

Analogous

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



55.6615, 51.6837, 65.8167



56.4697, 51.6837, 55.1438



55.2305, 51.6837, 45.9581

Triad

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



56.4697, 51.6837, 55.1438



45.3754, 51.6837, 41.0824



46.0317, 51.6837, 76.2001

Complementary

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



56.4697, 51.6837, 55.1438



57.8243, 68.7652, 74.5186

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.



43.4847, 51.6837, 68.0302



56.4697, 51.6837, 55.1438



43.1192, 51.6837, 47.7028

Square

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



56.4697, 51.6837, 55.1438



48.7273, 51.6837, 38.4972



42.4443, 51.6837, 57.4211



49.5225, 51.6837, 78.8236

Rectangle

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



56.4697, 51.6837, 55.1438



53.4443, 51.6837, 41.6569



42.4443, 51.6837, 57.4211



45.0426, 51.6837, 73.9655

Sweetspot

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



56.4711, 51.6860, 55.1449



88.5205, 89.8872, 97.6410



57.6152, 51.7511, 78.9042



18.8013, 19.0144, 20.6463



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.



56.4711, 51.6860, 55.1449



71.0483, 63.0799, 66.7313



57.9888, 56.5597, 49.9832



13.8352, 13.7517, 14.9025



18.2815, 9.3796, 2.8821



1.3012, 0.6638, 0.3792

Inverse Universe

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



56.4711, 51.6860, 55.1449



71.0483, 63.0799, 66.7313



55.9340, 62.6468, 81.0959



13.8352, 13.7517, 14.9025



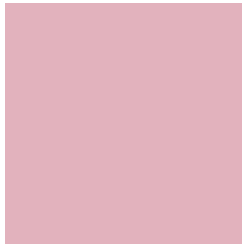
18.2815, 9.3796, 2.8821



1.3012, 0.6638, 0.3792

Previews

White Background



This preview shows how the XYZ color 56.4697, 51.6837, 55.1438 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 56.4697, 51.6837, 55.1438 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 56.4697, 51.6837, 55.1438

Background



This preview shows how black text looks on a background with the XYZ color 56.4697, 51.6837, 55.1438.



This preview shows how white text looks on a background with the XYZ color 56.4697, 51.6837,

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

56.4697, 51.6837, 55.1438

Protanopia

50.1155, 52.0189, 59.6238

Deuteranopia

52.7959, 51.6135, 54.7567



Tritanopia

56.6884, 51.7711, 56.2952

Trichromacy



Original Color

56.4697, 51.6837, 55.1438

Protanomaly

52.0864, 51.8054, 57.7063

Deuteranomaly

54.1240, 51.6857, 54.7006

Tritanomaly

56.5787, 51.7272, 55.7175

Monochromacy



Original Color

56.4697, 51.6837, 55.1438

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.9512, 52.8940, 57.2879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4697, 51.6837, 55.1438 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(226, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 189)  
}
```

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(226, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 189) }
```

Border

The CSS property to change the border of an element to XYZ 56.4697, 51.6837, 55.1438 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(226, 178, 189) }
```


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

```
.border{ border-color:rgb(226, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(226, 178,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4697, 51.6837, 55.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 189) }
```

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

```
.background{ background-color: rgb(226,  
178, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor