

Converting Colors

XYZ(65.5735, 67.6007, 55.8512)

Have a look what the booklet for
XYZ(65.5735, 67.6007, 55.8512)
contains.

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Color

**XYZ(65.6851, 67.7879,
56.0768)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D4BA
RGB	232, 212, 186
RGB Percent	91%, 83%, 73%
CMY	0.0902, 0.1686, 0.2706
CMYK	0.00, 0.09, 0.20, 0.09
HSL	34°, 50%, 82%
HSV	34°, 20%, 91%
XYZ	65.6851, 67.7879, 56.0768
YIQ	215.0160, 20.2660, -3.8460

Conversions

Conversions Part 2

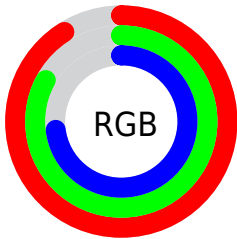
Format	Color
RYB	221, 232, 186
Decimal	15258810
CIELab	85.90, 2.83, 15.38
CIELCh	86, 15.635, 79.561
Yxy	67.7879, 0.3465, 0.3576
Android (android.graphics.Color)	4293448890 (0xFFE8D4BA)
YUV	215.0160, -14.3049, 14.8950
Hunter-Lab	82.3334, -1.6772, 17.2513

Details

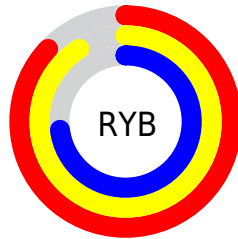
The XYZ color **65.6851, 67.7879, 56.0768** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.8862, 60.4066, 85.0058**, and the grayscale version is **64.6878, 68.0566, 74.1137**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **34.1951, 35.0375, 27.1509** is the 20% darker color. If you saturate the color by 10%, you get **60.9740, 61.9971, 43.3102**, and if you desaturate by 10%, it is **70.9578, 74.0599, 71.0078**.

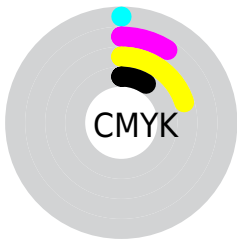
Distribution



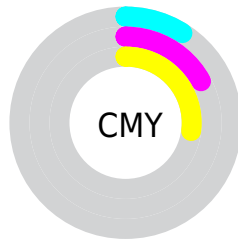
- Red (91%)
- Green (83%)
- Blue (73%)



- Red (87%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (9%)




- Cyan (9%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6851, 67.7879, 56.0768 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 65.6851, 67.7879, 56.0768 by changing the saturation by 10% instead.


 65.6851, 67.7879,
56.0768

 65.6851, 67.7879,
56.0768


434.7563,
452.7442, 427.3773

 48.2836, 49.7252,
39.8601

 112.0945,
116.0487, 100.6038

 34.2637, 35.1951,
27.1165


141.8331,
147.0155, 129.7511

 23.2601, 23.8132,
17.4275


176.4147,
183.0526, 164.0458

 14.9074, 15.1951,
10.3746

216.2048,
224.5442, 203.9062

 8.8403, 8.9564,
5.5392

261.5686,
271.8747, 249.7511

 4.6935, 4.7128,
2.5028

312.8715,

 2.1014, 2.0797,

325.4287, 301.9989

0.8416

370.4790,
385.5903, 361.0681

■ 0.6900, 0.6532,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6851, 67.7879,
56.0768

■ 65.6851, 67.7879,
56.0768

■ 60.9740, 61.9971,
43.3102

■ 70.9578, 74.0599,
71.0078

■ 56.7969, 56.6650,
32.6011

■ 76.8075, 80.8168,
88.1946

■ 53.1318, 51.7805,
23.8400

■ 83.1584, 88.0349,
107.2173

■ 49.9528, 47.3282,
16.9052

■ 86.2475, 94.2132,
108.2470

■ 47.2313, 43.2919,
11.6614

■ 87.0889, 95.8959,
108.5274

■ 44.9349, 39.6533,
7.9539

■ 43.0255, 36.3920,
5.5992

■ 41.4416, 33.4777,
4.2892

■ 41.4159, 33.4299,
4.2698

Harmonies

Analogous

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



68.9972, 67.7879, 59.8046



65.6851, 67.7879, 56.0768



62.1540, 67.7879, 56.7549

Triad

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



65.6851, 67.7879, 56.0768



58.1619, 67.7879, 80.6056



69.8103, 67.7879, 87.3432

Complementary

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



65.6851, 67.7879, 56.0768



56.8862, 60.4066, 85.0058

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.



66.7616, 67.7879, 93.9782



65.6851, 67.7879, 56.0768



60.0696, 67.7879, 89.8460

Square

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



65.6851, 67.7879, 56.0768



57.8978, 67.7879, 70.2964



63.1917, 67.7879, 94.9343



71.4367, 67.7879, 77.4378

Rectangle

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



65.6851, 67.7879, 56.0768



60.1467, 67.7879, 59.6361



63.1917, 67.7879, 94.9343



68.9127, 67.7879, 90.0675

Sweetspot

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



65.6869, 67.7909, 56.0782



90.5985, 94.8833, 95.7439



62.0642, 56.7648, 66.5257



19.2915, 20.1926, 20.2000



0.0000, 0.0000, 0.0000



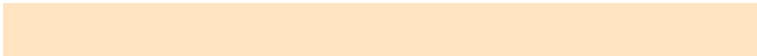
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6869, 67.7909, 56.0782



78.8080, 80.8518, 62.3736



70.2570, 78.0323, 57.8141



15.0497, 15.7133, 15.1442



23.1199, 18.8139, 2.4129



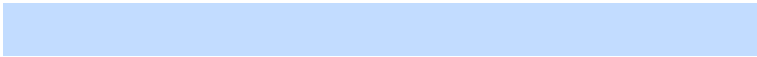
1.8005, 1.5743, 0.2090

Inverse Universe

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



56.8862, 60.4066, 85.0058



65.9458, 70.0609, 104.6551



52.9383, 51.6745, 83.5284



14.0956, 14.9126, 18.2798



10.7816, 8.6253, 43.4798



0.8877, 0.8193, 3.2433

Previews

White Background



This preview shows how the XYZ color 65.6851, 67.7879, 56.0768 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 65.6851, 67.7879, 56.0768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

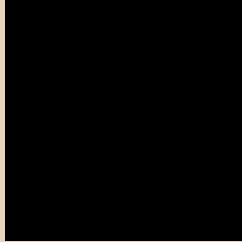
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6851, 67.7879, 56.0768

Background



This preview shows how black text looks on a background with the XYZ color 65.6851, 67.7879, 56.0768.



This preview shows how white text looks on a background with the XYZ color 65.6851, 67.7879,

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

65.6851, 67.7879, 56.0768

Protanopia

64.0675, 67.6885, 56.7022

Deuteranopia

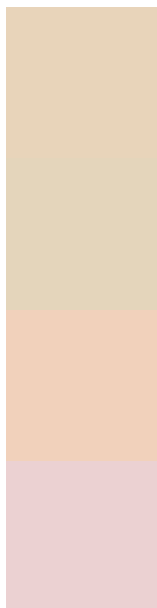
69.2885, 67.8063, 56.4497



Tritanopia

70.5572, 67.9579, 79.2105

Trichromacy



Original Color

65.6851, 67.7879, 56.0768

Protanomaly

64.7588, 67.6703, 56.6622

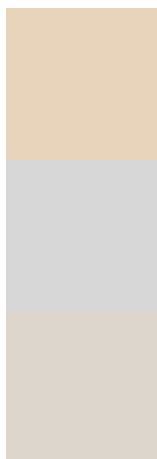
Deuteranomaly

68.0457, 67.8896, 56.5313

Tritanomaly

68.6943, 67.9162, 70.4613

Monochromacy



Original Color

65.6851, 67.7879, 56.0768

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7644, 67.8249, 66.8048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6851, 67.7879, 56.0768 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(232, 212, 186)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 186)  
}
```

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(232, 212, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 186) }
```

Border

The CSS property to change the border of an element to XYZ 65.6851, 67.7879, 56.0768 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(232, 212, 186) }
```


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

```
.border{ border-color:rgb(232, 212, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 186);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6851, 67.7879, 56.0768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 186) }
```

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

```
.background{ background-color: rgb(232,  
212, 186) }
```

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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