

Converting Colors

XYZ(51.8935, 48.2903, 35.8640)

Have a look what the booklet for
XYZ(51.8935, 48.2903, 35.8640)
contains.

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Color

**XYZ(51.8935, 48.2903,
35.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AD97
RGB	226, 173, 151
RGB Percent	89%, 68%, 59%
CMY	0.1137, 0.3215, 0.4078
CMYK	0.00, 0.23, 0.33, 0.11
HSL	18°, 56%, 74%
HSV	18°, 33%, 89%
XYZ	51.8935, 48.2903, 35.8640
YIQ	186.3390, 38.6500, 4.3940

Conversions

Conversions Part 2

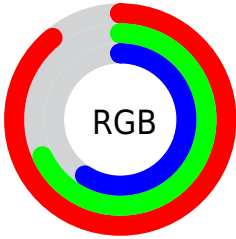
Format	Color
R _Y B	226, 182, 151
Decimal	14855575
CIE Lab	75.01, 16.39, 18.79
CIE LCh	75, 24.929, 48.908
Yxy	48.2903, 0.3814, 0.3550
Android (android.graphics.Color)	4293045655 (0xFFE2AD97)
YUV	186.3390, -17.4221, 34.7827
Hunter-Lab	69.4912, 11.6876, 18.0446

Details

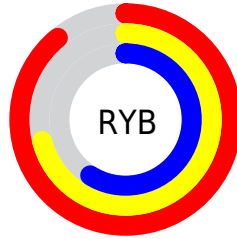
The XYZ color **51.8935, 48.2903, 35.8640** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0820, 55.2540, 80.0824**, and the grayscale version is **46.9428, 49.3875, 53.7830**.

A 20% lighter version of the original color is **80.2788, 81.7064, 69.2974**, and **25.4998, 23.0299, 15.1578** is the 20% darker color. If you saturate the color by 10%, you get **47.3500, 41.8642, 26.1458**, and if you desaturate by 10%, it is **57.1574, 55.5937, 47.5591**.

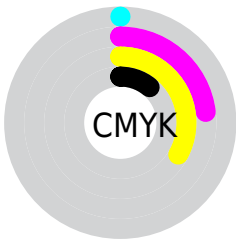
Distribution



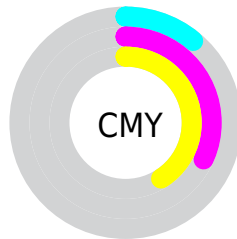
- Red (89%)
- Green (68%)
- Blue (59%)



- Red (89%)
- Yellow (71%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (11%)




- Cyan (11%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8935, 48.2903, 35.8640 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 51.8935, 48.2903, 35.8640 by changing the saturation by 10% instead.


 51.8935, 48.2903,
35.8640


 51.8935, 48.2903,
35.8640


384.3560,
379.9417, 343.3851

 37.1441, 34.0568,
24.0403

 92.1493, 87.6365,
69.9888

 25.4933, 22.9373,
15.1511


 118.3865,
113.5180, 93.1270

 16.5756, 14.5472,
8.7777


149.1836,
144.0509, 120.8737

 10.0258, 8.5022,
4.5016

184.9060,
179.6198, 153.6476

 5.4785, 4.4180,
1.9044

225.9191,
220.6089, 191.8671

 2.5683, 1.9100,
0.4955

272.5882,

 0.9298, 0.5544,

267.4026, 235.9509

0.0000

325.2788,
320.3854, 286.3174

0.0000, 0.0000,
0.0000

51.8935, 48.2903,
35.8640

51.8935, 48.2903,
35.8640

47.3500, 41.8642,
26.1458

57.1574, 55.5937,
47.5591

43.4901, 36.2749,
18.2912

63.1688, 63.7994,
61.3300

40.2792, 31.4886,
12.1794

69.9577, 72.9400,
77.2724

37.6781, 27.4663,
7.6745

77.5514, 83.0440,
95.4754

35.6423, 24.1655,
4.6197

84.4925, 93.5457,
108.2106

■ 34.1204, 21.5389,
2.8262

■ 85.1740, 94.9087,
108.4378

■ 33.3303, 20.1013,
2.1232

Harmonies

Analogous

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



54.6845, 48.2903, 44.8699



51.8935, 48.2903, 35.8640



47.6026, 48.2903, 31.6222

Triad

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



51.8935, 48.2903, 35.8640



37.8358, 48.2903, 47.9045



48.7929, 48.2903, 80.0303

Complementary

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



51.8935, 48.2903, 35.8640



48.0820, 55.2540, 80.0824

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.



44.2355, 48.2903, 81.2059



51.8935, 48.2903, 35.8640



38.1079, 48.2903, 61.1261

Square

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



51.8935, 48.2903, 35.8640



39.6145, 48.2903, 37.7684



40.3839, 48.2903, 73.8188



52.8142, 48.2903, 70.8315

Rectangle

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



51.8935, 48.2903, 35.8640



44.5568, 48.2903, 31.5042



40.3839, 48.2903, 73.8188



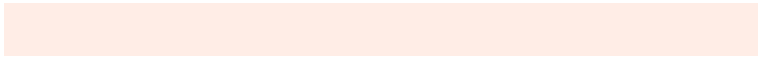
47.2668, 48.2903, 81.4277

Sweetspot

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



51.8948, 48.2926, 35.8650



85.7317, 87.5029, 86.8665



53.4202, 42.6981, 63.0258



18.0880, 18.3751, 17.9811



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.



51.8948, 48.2926, 35.8650



63.9082, 57.3967, 37.8473



59.9350, 64.3731, 38.5451



14.0333, 14.3525, 14.3375



19.1045, 11.6468, 1.2411



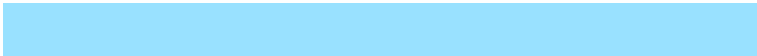
1.4002, 0.9593, 0.1114

Inverse Universe

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



48.0820, 55.2540, 80.0824



58.1319, 67.8823, 104.6465



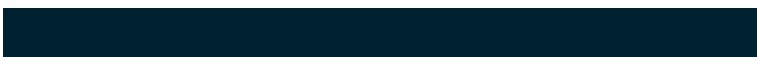
40.3550, 39.7999, 77.5067



13.7592, 14.8575, 17.5303



15.0801, 17.6298, 43.6565



1.1216, 1.3747, 3.0515

Previews

White Background



This preview shows how the XYZ color 51.8935, 48.2903, 35.8640 looks on a white background.

Color Contrast Check

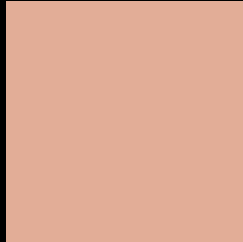
Large Text (above 18pt) WCAG AA × Fail

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 51.8935, 48.2903, 35.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

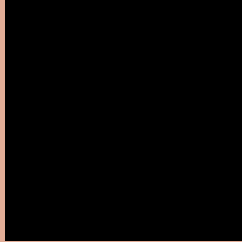
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8935, 48.2903, 35.8640

Background



This preview shows how black text looks on a background with the XYZ color 51.8935, 48.2903, 35.8640.



This preview shows how white text looks on a background with the XYZ color 51.8935, 48.2903,

35.8640.

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

51.8935, 48.2903, 35.8640

Protanopia

45.7320, 48.3174, 38.8141

Deuteranopia

49.4497, 48.4899, 35.6074



Tritanopia

54.9446, 48.4113, 50.7044

Trichromacy



Original Color

51.8935, 48.2903, 35.8640

Protanomaly

47.6913, 48.1309, 37.7869

Deuteranomaly

50.2438, 48.3127, 35.5313

Tritanomaly

53.7203, 48.1837, 44.9971

Monochromacy



Original Color

51.8935, 48.2903, 35.8640

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.1541, 48.4824, 46.3552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8935, 48.2903, 35.8640 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, 173, 151)` looks like.

```
.text, #text, p{  
    color:rgb(226, 173, 151)  
}
```

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, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 173, 151) }
```

Border

The CSS property to change the border of an element to XYZ 51.8935, 48.2903, 35.8640 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, 173, 151) }
```


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

```
.border{ border-color:rgb(226, 173, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 173, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 173, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 173, 151); box-shadow:4px 4px 4px 4px rgb(226, 173, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8935, 48.2903, 35.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 173, 151) }
```

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

```
.background{ background-color: rgb(226,  
173, 151) }
```

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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