

Converting Colors

XYZ(56.8836, 64.7999, 51.1273)

Have a look what the booklet for
XYZ(56.8836, 64.7999, 51.1273)
contains.

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Color

**XYZ(56.8488, 64.8426,
51.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD8B1
RGB	202, 216, 177
RGB Percent	79%, 85%, 69%
CMY	0.2078, 0.1529, 0.3059
CMYK	0.06, 0.00, 0.18, 0.15
HSL	82°, 33%, 77%
HSV	82°, 18%, 85%
XYZ	56.8488, 64.8426, 51.1146
YIQ	207.3680, 4.1750, -15.0970

Conversions

Conversions Part 2

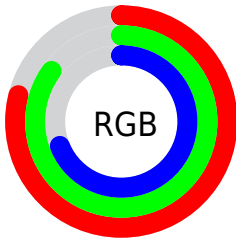
Format	Color
RYB	177, 216, 191
Decimal	13293745
CIELab	84.40, -11.50, 17.67
CIELCh	84, 21.080, 123.049
Yxy	64.8426, 0.3290, 0.3752
Android (android.graphics.Color)	4291483825 (0xFFCAD8B1)
YUV	207.3680, -14.9714, -4.7077
Hunter-Lab	80.5249, -14.9015, 18.7321

Details

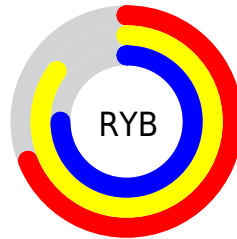
The XYZ color **56.8488, 64.8426, 51.1146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.6052, 47.4803, 71.5194**, and the grayscale version is **59.6386, 62.7445, 68.3288**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **28.5957, 33.2409, 23.9778** is the 20% darker color. If you saturate the color by 10%, you get **52.8184, 62.9962, 40.5630**, and if you desaturate by 10%, it is **61.3289, 66.8854, 63.4688**.

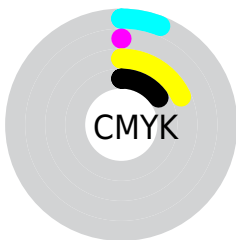
Distribution



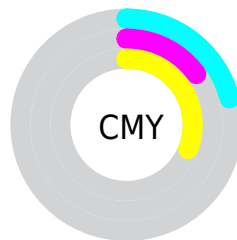
- Red (79%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8488, 64.8426, 51.1146 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 56.8488, 64.8426, 51.1146 by changing the saturation by 10% instead.

■ 56.8488, 64.8426,
51.1146

■ 56.8488, 64.8426,
51.1146

402.9058,
442.2261, 407.8681

■ 41.1235, 47.3335,
35.9225

■ 99.3772, 111.8235,
93.2374

■ 28.6037, 33.2993,
24.0851

126.9110,
142.0641, 121.0051

■ 18.9240, 22.3559,
15.1840

159.1117,
177.3173, 153.8018

■ 11.7191, 14.1186,
8.8005

196.3446,
217.9675, 192.0459

■ 6.6235, 8.2032,
4.5163

238.9751,
264.3991, 236.1561

■ 3.2720, 4.2253,
1.9126

287.3686,

■ 1.2992, 1.8003,

316.9964, 286.5508

0.5008

341.8904,
376.1440, 343.6486

■ 0.1826, 0.4874,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8488, 64.8426,
51.1146

■ 56.8488, 64.8426,
51.1146

■ 52.8184, 62.9962,
40.5630

■ 61.3289, 66.8854,
63.4688

■ 49.2152, 61.3305,
31.7255

■ 66.2701, 69.1228,
77.7003

■ 46.0219, 59.8407,
24.5126

■ 71.6896, 71.5640,
93.8844

■ 43.2180, 58.5182,
18.8246

■ 76.2192, 73.6620,
104.8087

■ 40.7811, 57.3540,
14.5511

■ 78.8076, 74.9964,
104.9299

■ 38.6856, 56.3376,
11.5670

■ 81.5087, 76.3888,
105.0563

■ 36.9018, 55.4570,
9.7248

■ 83.8472, 77.5944,
105.1657

■ 35.3878, 54.6951,
8.8126

■ 35.1126, 54.5559,
8.6797

Harmonies

Analogous

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



61.1532, 64.8426, 47.8514



56.8488, 64.8426, 51.1146



53.9465, 64.8426, 59.5458

Triad

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



56.8488, 64.8426, 51.1146



57.6385, 64.8426, 96.1799



71.0688, 64.8426, 69.2397

Complementary

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



56.8488, 64.8426, 51.1146



49.6052, 47.4803, 71.5194

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.



70.0125, 64.8426, 82.9498



56.8488, 64.8426, 51.1146



62.1112, 64.8426, 99.6177

Square

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



56.8488, 64.8426, 51.1146



54.3860, 64.8426, 85.6234



66.6740, 64.8426, 94.5041



69.4923, 64.8426, 57.4500

Rectangle

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



56.8488, 64.8426, 51.1146



53.1164, 64.8426, 67.5267



66.6740, 64.8426, 94.5041



71.0100, 64.8426, 73.7704

Sweetspot

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



56.8505, 64.8454, 51.1160



91.4004, 98.3479, 98.3671



54.8116, 54.8845, 49.3008



19.4566, 21.0021, 20.7499



0.0000, 0.0000, 0.0000



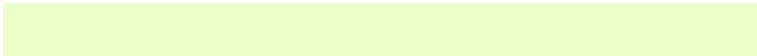
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8505, 64.8454, 51.1160



80.2710, 93.2767, 67.7455



51.9865, 62.3379, 50.8884



13.0202, 14.2866, 13.2321



20.9037, 32.3526, 5.1429



1.3497, 1.9972, 0.3144

Inverse Universe

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



49.6052, 47.4803, 71.5194



67.6768, 63.0876, 103.2179



54.7402, 50.1275, 71.7597



12.1593, 12.2235, 15.6560



9.2821, 3.9376, 38.7240



0.6488, 0.2834, 2.3398

Previews

White Background



This preview shows how the XYZ color 56.8488, 64.8426, 51.1146 looks on a white background.

Color Contrast Check

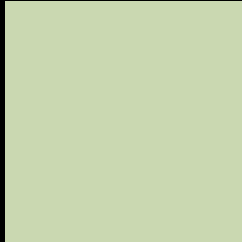
Large Text (above 18pt) WCAG AA × Fail

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 56.8488, 64.8426, 51.1146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

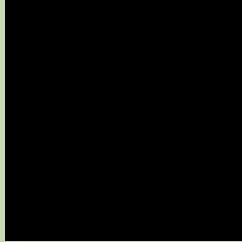
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

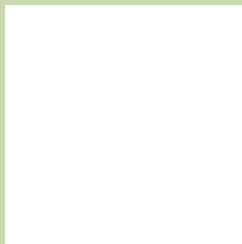
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8488, 64.8426, 51.1146

Background



This preview shows how black text looks on a background with the XYZ color 56.8488, 64.8426, 51.1146.



This preview shows how white text looks on a background with the XYZ color 56.8488, 64.8426,

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

56.8488, 64.8426, 51.1146

Protanopia

60.8108, 64.6788, 49.3236

Deuteranopia

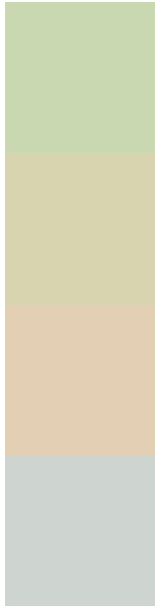
65.9767, 64.4136, 52.1357



Tritanopia

62.8224, 64.6472, 81.1186

Trichromacy



Original Color

56.8488, 64.8426, 51.1146

Protanomaly

59.3057, 64.6292, 49.9064

Deuteranomaly

62.1281, 64.2112, 51.7673

Tritanomaly

60.3822, 64.7628, 68.9925

Monochromacy



Original Color

56.8488, 64.8426, 51.1146

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1872, 63.0578, 61.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8488, 64.8426, 51.1146 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(202, 216, 177)` looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 177)  
}
```

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(202, 216, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 177) }
```

Border

The CSS property to change the border of an element to XYZ 56.8488, 64.8426, 51.1146 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(202, 216, 177) }
```


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

```
.border{ border-color:rgb(202, 216, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 216, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 216, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 216, 177);  
box-shadow:4px 4px 4px 4px rgb(202, 216,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8488, 64.8426, 51.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 177) }
```

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

```
.background{ background-color: rgb(202,  
216, 177) }
```

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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