

Converting Colors

XYZ(56.5448, 64.4990, 63.1940)

Have a look what the booklet for
XYZ(56.5448, 64.4990, 63.1940)
contains.

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Color

**XYZ(56.4871, 64.3954,
62.8784)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8C6
RGB	192, 216, 198
RGB Percent	75%, 85%, 78%
CMY	0.2471, 0.1529, 0.2235
CMYK	0.11, 0.00, 0.08, 0.15
HSL	135°, 24%, 80%
HSV	135°, 11%, 85%
XYZ	56.4871, 64.3954, 62.8784
YIQ	206.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

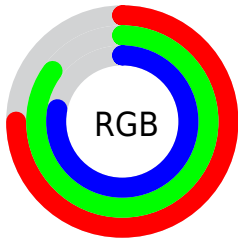
Format	Color
RYB	192, 211, 216
Decimal	12638406
CIELab	84.17, -11.39, 6.16
CIElCh	84, 12.952, 151.606
Yxy	64.3954, 0.3074, 0.3504
Android (android.graphics.Color)	4290828486 (0xFFC0D8C6)
YUV	206.7720, -4.3246, -12.9550
Hunter-Lab	80.2467, -14.7825, 9.7153

Details

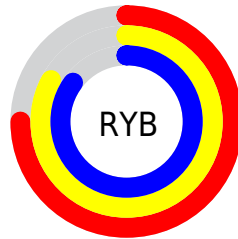
The XYZ color **56.4871, 64.3954, 62.8784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8037, 56.9529, 68.8695**, and the grayscale version is **59.1938, 62.2765, 67.8191**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **28.2601, 32.9066, 31.2477** is the 20% darker color. If you saturate the color by 10%, you get **49.6444, 61.0742, 53.3200**, and if you desaturate by 10%, it is **64.3361, 68.2159, 73.5301**.

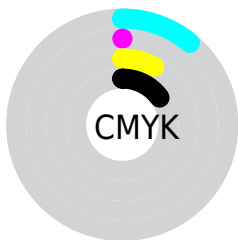
Distribution



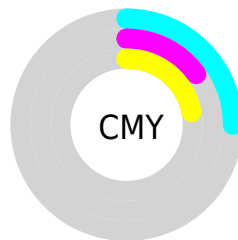
- Red (75%)
- Green (85%)
- Blue (78%)



- Red (75%)
- Yellow (83%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4871, 64.3954, 62.8784 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 56.4871, 64.3954, 62.8784 by changing the saturation by 10% instead.

■ 56.4871, 64.3954,
62.8784

■ 56.4871, 64.3954,
62.8784

401.5699,
440.6161, 453.2238

■ 40.8321, 46.9710,
45.3025

■ 98.8521, 111.1802,
110.5779

■ 28.3750, 33.0127,
31.3511

126.2928,
141.3094, 141.5386

■ 18.7504, 22.1362,
20.6056

158.3929,
176.4422, 177.7980

■ 11.5930, 13.9570,
12.6476

195.5176,
216.9632, 219.7746

■ 6.5374, 8.0908,
7.0585

238.0322,
263.2567, 267.8869

■ 3.2183, 4.1531,
3.4197


286.3023,

■ 1.2702, 1.7596,


315.7071, 322.5535


1.3127


340.6931,
374.6988, 384.1930


 0.1608, 0.4618,
0.0722


 0.0000, 0.0000,
0.0000

 56.4871, 64.3954,
62.8784


 56.4871, 64.3954,
62.8784


 49.6444, 61.0742,
53.3200


 64.3361, 68.2159,
73.5301


 43.7614, 58.2235,
44.8159

 73.2245, 72.5467,
85.3039

 38.7960, 55.8243,
37.3314

 82.5246, 77.0652,
98.2015

 34.7008, 53.8528,
30.8277

 83.8471, 77.5942,
105.1657

■ 31.4239, 52.2833,
25.2641

■ 28.9078, 51.0869,
20.5967

■ 27.0872, 50.2309,
16.7781

■ 25.8850, 49.6768,
13.7564

■ 25.2229, 49.3805,
11.6915

Harmonies

Analogous

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



58.3643, 64.3954, 57.5203



56.4871, 64.3954, 62.8784



55.8633, 64.3954, 70.5586

Triad

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



56.4871, 64.3954, 62.8784



61.3604, 64.3954, 87.0962



66.0180, 64.3954, 62.1690

Complementary

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



56.4871, 64.3954, 62.8784



58.8037, 56.9529, 68.8695

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.



66.8787, 64.3954, 69.6745



56.4871, 64.3954, 62.8784



64.1382, 64.3954, 84.4272

Square

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



56.4871, 64.3954, 62.8784



58.6237, 64.3954, 84.9286



66.1804, 64.3954, 77.8879



63.8628, 64.3954, 57.1338

Rectangle

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



56.4871, 64.3954, 62.8784



56.2262, 64.3954, 76.0862



66.1804, 64.3954, 77.8879



66.4712, 64.3954, 64.4659

Sweetspot

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



56.4889, 64.3981, 62.8798



91.3812, 98.2138, 103.9780



60.7652, 66.6811, 59.5380



19.3545, 20.9221, 21.9794



0.0000, 0.0000, 0.0000



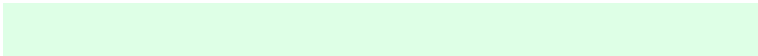
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4889, 64.3981, 62.8798



80.1404, 92.7468, 88.6416



57.8792, 64.9543, 70.2012



12.3885, 13.9464, 13.8602



14.9653, 29.2415, 7.1129



0.9361, 1.7771, 0.6053

Inverse Universe

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



58.8037, 56.9529, 68.8695



84.0657, 80.1206, 98.7981



57.4098, 56.3953, 61.5292



12.8142, 12.5772, 14.9618



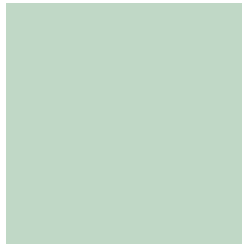
20.6676, 10.2033, 21.3513



1.2787, 0.6283, 1.4573

Previews

White Background



This preview shows how the XYZ color 56.4871, 64.3954, 62.8784 looks on a white background.

Color Contrast Check

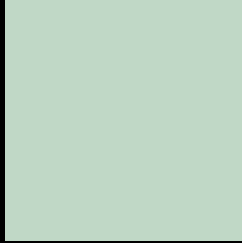
Large Text (above 18pt) WCAG AA × Fail

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 56.4871, 64.3954, 62.8784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

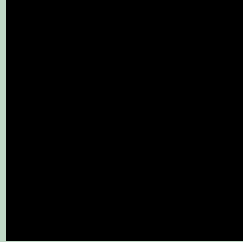
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4871, 64.3954, 62.8784

Background



This preview shows how black text looks on a background with the XYZ color 56.4871, 64.3954, 62.8784.



This preview shows how white text looks on a background with the XYZ color 56.4871, 64.3954,

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

56.4871, 64.3954, 62.8784

Protanopia

61.1533, 64.2477, 60.2169

Deuteranopia

65.5028, 64.2526, 64.2080



Tritanopia

60.5730, 64.5587, 82.6673

Trichromacy



Original Color

56.4871, 64.3954, 62.8784

Protanomaly

59.4062, 64.4370, 60.9363

Deuteranomaly

61.8946, 64.1873, 63.7708

Tritanomaly

58.8243, 64.2004, 74.9372

Monochromacy



Original Color

56.4871, 64.3954, 62.8784

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3028, 63.0094, 66.2159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4871, 64.3954, 62.8784 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(192, 216, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 198)  
}
```

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(192, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.4871, 64.3954, 62.8784 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(192, 216, 198) }
```


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

```
.border{ border-color:rgb(192, 216, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 216, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 216, 198); box-shadow:4px 4px 4px 4px rgb(192, 216, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4871, 64.3954, 62.8784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 198) }
```

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

```
.background{ background-color: rgb(192,  
216, 198) }
```

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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