

Converting Colors

XYZ(56.6470, 64.6434, 63.7463)

Have a look what the booklet for
XYZ(56.6470, 64.6434, 63.7463)
contains.

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Color

**XYZ(56.6029, 64.4417,
63.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8C7
RGB	192, 216, 199
RGB Percent	75%, 85%, 78%
CMY	0.2471, 0.1529, 0.2196
CMYK	0.11, 0.00, 0.08, 0.15
HSL	137°, 24%, 80%
HSV	137°, 11%, 85%
XYZ	56.6029, 64.4417, 63.4880
YIQ	206.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

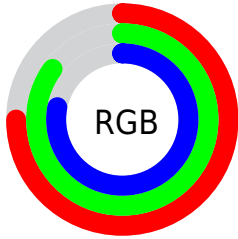
Format	Color
RYB	192, 211, 216
Decimal	12638407
CIELab	84.20, -11.21, 5.66
CIELCh	84, 12.560, 153.195
Yxy	64.4417, 0.3067, 0.3492
Android (android.graphics.Color)	4290828487 (0xFFC0D8C7)
YUV	206.8860, -3.8878, -13.0550
Hunter-Lab	80.2756, -14.6206, 9.3019

Details

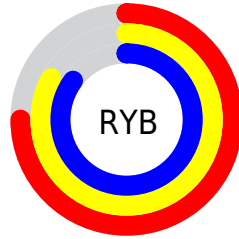
The XYZ color **56.6029, 64.4417, 63.4880** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6795, 56.9033, 68.2154**, and the grayscale version is **59.2646, 62.3510, 67.9002**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **28.3369, 32.9373, 31.6521** is the 20% darker color. If you saturate the color by 10%, you get **49.8418, 61.1531, 54.3597**, and if you desaturate by 10%, it is **64.3489, 68.2210, 73.5976**.

Distribution



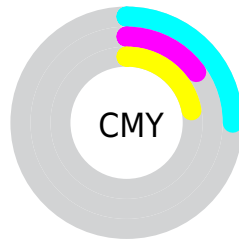
- Red (75%)
- Green (85%)
- Blue (78%)



- 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 56.6029, 64.4417, 63.4880 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 56.6029, 64.4417, 63.4880 by changing the saturation by 10% instead.

■ 56.6029, 64.4417,
63.4880

■ 56.6029, 64.4417,
63.4880

401.9979,
440.7830, 455.4950

■ 40.9254, 47.0085,
45.7926

■ 99.0202, 111.2468,
111.4656

■ 28.4482, 33.0424,
31.7347

126.4908,
141.3875, 142.5849

■ 18.8060, 22.1589,
20.8958

158.6231,
176.5329, 179.0158

■ 11.6333, 13.9737,
12.8573

195.7825,
217.0673, 221.1770

■ 6.5649, 8.1024,
7.2008

238.3343,
263.3751, 269.4870

■ 3.2354, 4.1605,
3.5077

286.6439,

■ 1.2795, 1.7638,

315.8407, 324.3643

1.3593

341.0767,
374.8485, 386.2274

■ 0.1678, 0.4644,
0.1097

■ 0.0000, 0.0000,
0.0000

■ 56.6029, 64.4417,
63.4880

■ 56.6029, 64.4417,
63.4880

■ 49.8418, 61.1531,
54.3597

■ 64.3489, 68.2210,
73.5976

■ 44.0203, 58.3271,
46.1792

■ 73.1123, 72.5018,
84.7124

■ 39.0972, 55.9447,
38.9173

■ 82.2640, 76.9609,
96.8294

■ 35.0262, 53.9830,
32.5414

■ 83.8471, 77.5942,
105.1657

■ 31.7568, 52.4164,
27.0174

■ 29.2329, 51.2169,
22.3088

■ 27.3906, 50.3523,
18.3761

■ 26.1547, 49.7847,
15.1769

■ 25.4541, 49.4730,
12.9093

Harmonies

Analogous

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



58.3705, 64.4417, 58.1222



56.6029, 64.4417, 63.4880



56.0677, 64.4417, 71.0224

Triad

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



56.6029, 64.4417, 63.4880



61.5482, 64.4417, 86.5832



65.8316, 64.4417, 62.1160

Complementary

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



56.6029, 64.4417, 63.4880



58.6795, 56.9033, 68.2154

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.



66.7420, 64.4417, 69.3166



56.6029, 64.4417, 63.4880



64.2225, 64.4417, 83.7684

Square

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



56.6029, 64.4417, 63.4880



58.8714, 64.4417, 84.7319



66.1445, 64.4417, 77.2967



63.6916, 64.4417, 57.3732

Rectangle

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



56.6029, 64.4417, 63.4880



56.4680, 64.4417, 76.3682



66.1445, 64.4417, 77.2967



66.2944, 64.4417, 64.3092

Sweetspot

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



56.6047, 64.4444, 63.4894



91.4310, 98.2337, 104.2404



60.4239, 66.5051, 59.5222



19.3679, 20.9274, 22.0500



0.0000, 0.0000, 0.0000



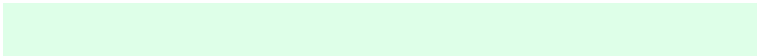
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6047, 64.4444, 63.4894



80.3353, 92.8247, 89.6679



58.0290, 65.0142, 70.9898



12.4099, 13.9550, 13.9730



15.1065, 29.2980, 7.8567



0.9470, 1.7815, 0.6627

Inverse Universe

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



58.6795, 56.9033, 68.2154



83.8537, 80.0358, 97.6815



57.2715, 56.3401, 60.8011



12.7915, 12.5681, 14.8422



20.2147, 10.0222, 18.9663



1.2545, 0.6186, 1.3295

Previews

White Background



This preview shows how the XYZ color 56.6029, 64.4417, 63.4880 looks on a white background.

Color Contrast Check

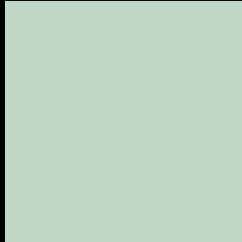
Large Text (above 18pt) WCAG AA × Fail

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 56.6029, 64.4417, 63.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

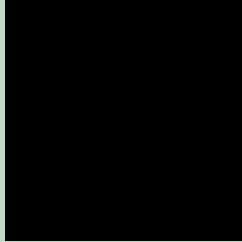
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

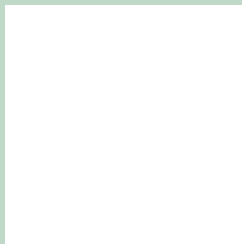
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6029, 64.4417, 63.4880

Background



This preview shows how black text looks on a background with the XYZ color 56.6029, 64.4417, 63.4880.



This preview shows how white text looks on a background with the XYZ color 56.6029, 64.4417,

63.4880.

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

56.6029, 64.4417, 63.4880

Protanopia

61.2661, 64.2928, 60.8104

Deuteranopia

65.6209, 64.2998, 64.8296



Tritanopia

60.5730, 64.5587, 82.6673

Trichromacy



Original Color

56.6029, 64.4417, 63.4880

Protanomaly

59.5197, 64.4824, 61.5339

Deuteranomaly

62.0119, 64.2342, 64.3884

Tritanomaly

58.8243, 64.2004, 74.9372

Monochromacy



Original Color

56.6029, 64.4417, 63.4880

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 56.6029, 64.4417, 63.4880 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, 199) looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.6029, 64.4417, 63.4880 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, 199) }
```


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

```
.border{ border-color:rgb(192, 216, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 216, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 216, 199); box-shadow:4px 4px 4px 4px rgb(192, 216, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6029, 64.4417, 63.4880 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, 199) }
```

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

```
.background{ background-color: rgb(192,  
216, 199) }
```

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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