

Converting Colors

XYZ(56.8506, 63.3464, 64.5247)

Have a look what the booklet for
XYZ(56.8506, 63.3464, 64.5247)
contains.

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Color

**XYZ(56.8425, 63.4076,
64.5013)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5C9
RGB	195, 213, 201
RGB Percent	76%, 84%, 79%
CMY	0.2353, 0.1647, 0.2118
CMYK	0.08, 0.00, 0.06, 0.16
HSL	140°, 18%, 80%
HSV	140°, 8%, 84%
XYZ	56.8425, 63.4076, 64.5013
YIQ	206.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

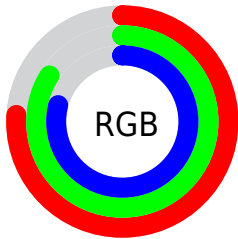
Format	Color
RYB	195, 209, 213
Decimal	12834249
CIELab	83.66, -8.30, 3.85
CIElCh	84, 9.146, 155.098
Yxy	63.4076, 0.3077, 0.3432
Android (android.graphics.Color)	4291024329 (0xFFC3D5C9)
YUV	206.2500, -2.5882, -9.8663
Hunter-Lab	79.6289, -11.9296, 7.7139

Details

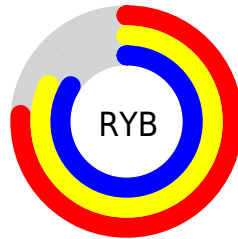
The XYZ color **56.8425, 63.4076, 64.5013** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2204, 57.6829, 67.0998**, and the grayscale version is **58.8470, 61.9116, 67.4218**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.4778, 32.2230, 32.3225** is the 20% darker color. If you saturate the color by 10%, you get **50.1327, 60.1345, 55.8664**, and if you desaturate by 10%, it is **64.4955, 67.1526, 73.9893**.

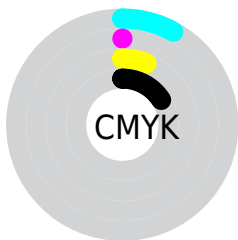
Distribution



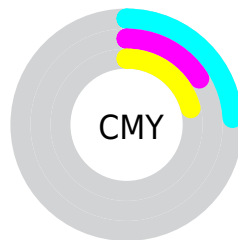
- Red (76%)
- Green (84%)
- Blue (79%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8425, 63.4076, 64.5013 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 56.8425, 63.4076, 64.5013 by changing the saturation by 10% instead.

■ 56.8425, 63.4076,
64.5013

■ 56.8425, 63.4076,
64.5013

402.8826,
437.0472, 459.2547

■ 41.1184, 46.1710,
46.6080

■ 99.3680, 109.7573,
112.9390

■ 28.5997, 32.3808,
32.3738

126.9002,
139.6393, 144.3205

■ 18.9210, 21.6525,
21.3800

159.0991,
174.5052, 181.0351

■ 11.7169, 13.6018,
13.2081

196.3302,
214.7394, 223.5015

■ 6.6220, 7.8442,
7.4396

238.9587,
260.7263, 272.1381

■ 3.2711, 3.9954,
3.6559

287.3500,

■ 1.2987, 1.6710,

312.8503, 327.3635

1.4385

341.8696,
371.4958, 389.5962

■ 0.1822, 0.4048,
0.1715

■ 0.0000, 0.0000,
0.0000

■ 56.8425, 63.4076,
64.5013

■ 56.8425, 63.4076,
64.5013

■ 50.1327, 60.1345,
55.8664

■ 64.4955, 67.1526,
73.9893

■ 44.3235, 57.3066,
48.0571

■ 73.1214, 71.3790,
84.3488

■ 39.3768, 54.9065,
41.0500

■ 81.3048, 75.3586,
95.5350

■ 35.2500, 52.9127,
34.8194

■ 83.0854, 76.0709,
104.9118

■ 31.8962, 51.3016,
29.3382

■ 29.2642, 50.0474,
24.5776

■ 27.2956, 49.1206,
20.5070

■ 25.9228, 48.4870,
17.0933

■ 25.0456, 48.0957,
14.2995

Harmonies

Analogous

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



58.0807, 63.4076, 60.4073



56.8425, 63.4076, 64.5013



56.5136, 63.4076, 70.0243

Triad

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



56.8425, 63.4076, 64.5013



60.6097, 63.4076, 80.6133



63.4717, 63.4076, 62.8934

Complementary

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



56.8425, 63.4076, 64.5013



58.2204, 57.6829, 67.0998

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.



64.1831, 63.4076, 68.0651



56.8425, 63.4076, 64.5013



62.5075, 63.4076, 78.4585

Square

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



56.8425, 63.4076, 64.5013



58.6606, 63.4076, 79.5301



63.8264, 63.4076, 73.7870



61.9025, 63.4076, 59.5157

Rectangle

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



56.8425, 63.4076, 64.5013



56.8478, 63.4076, 73.8226



63.8264, 63.4076, 73.7870



63.8206, 63.4076, 64.4687

Sweetspot

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



56.8443, 63.4103, 64.5027



91.4809, 98.2537, 104.5033



59.4630, 64.8403, 61.0120



19.3813, 20.9328, 22.1208



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.



56.8443, 63.4103, 64.5027



83.6653, 94.4334, 94.7057



57.8975, 63.8316, 70.0489



12.4314, 13.9636, 14.0863



15.2716, 29.3640, 8.7261



0.9590, 1.7862, 0.7258

Inverse Universe

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



58.2204, 57.6829, 67.0998



86.1095, 84.2604, 99.3182



57.1853, 57.2688, 61.6489



12.7689, 12.5591, 14.7232



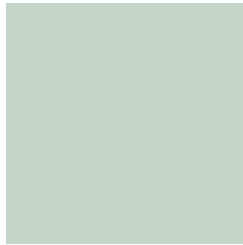
19.7940, 9.8539, 16.7512



1.2316, 0.6094, 1.2088

Previews

White Background



This preview shows how the XYZ color 56.8425, 63.4076, 64.5013 looks on a white background.

Color Contrast Check

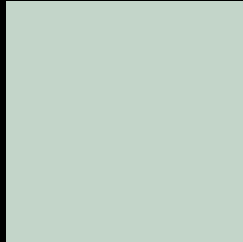
Large Text (above 18pt) WCAG AA × Fail

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 56.8425, 63.4076, 64.5013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

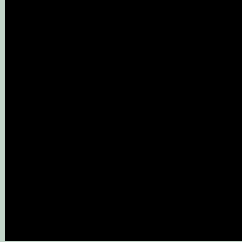
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

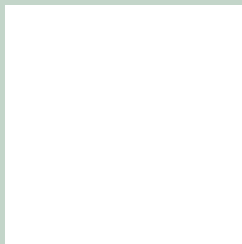
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8425, 63.4076, 64.5013

Background



This preview shows how black text looks on a background with the XYZ color 56.8425, 63.4076, 64.5013.

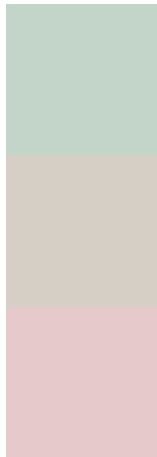


This preview shows how white text looks on a background with the XYZ color 56.8425, 63.4076,

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

56.8425, 63.4076, 64.5013

Protanopia

60.2374, 62.9990, 62.4113

Deuteranopia

64.2993, 62.9081, 65.2534



Tritanopia

60.0811, 63.2340, 80.9903

Trichromacy



Original Color

56.8425, 63.4076, 64.5013

Protanomaly

58.8414, 62.9898, 63.0898

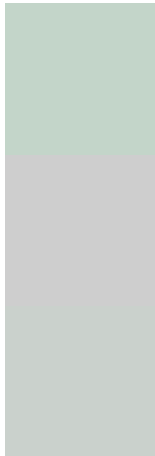
Deuteranomaly

61.1073, 62.6786, 64.7546

Tritanomaly

58.8597, 63.1087, 74.7246

Monochromacy



Original Color

56.8425, 63.4076, 64.5013

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0567, 62.5171, 66.1338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8425, 63.4076, 64.5013 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(195, 213, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 201)  
}
```

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(195, 213, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.8425, 63.4076, 64.5013 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(195, 213, 201) }
```


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

```
.border{ border-color:rgb(195, 213, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8425, 63.4076, 64.5013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 201) }
```

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

```
.background{ background-color: rgb(195,  
213, 201) }
```

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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