

# Converting Colors

XYZ(56.3329, 63.7265, 62.6563)

Have a look what the booklet for  
XYZ(56.3329, 63.7265, 62.6563)  
contains.

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# Color

**XYZ(56.2319, 63.5078,  
62.7206)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D6C6
RGB	193, 214, 198
RGB Percent	76%, 84%, 78%
CMY	0.2431, 0.1608, 0.2235
CMYK	0.10, 0.00, 0.07, 0.16
HSL	134°, 20%, 80%
HSV	134°, 10%, 84%
XYZ	56.2319, 63.5078, 62.7206
YIQ	205.8970, -7.3800, -9.4280

# Conversions

## Conversions Part 2

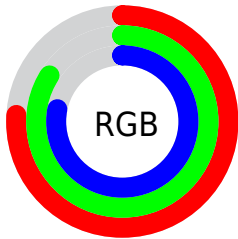
Format	Color
R <sub>YB</sub>	193, 210, 214
Decimal	12703430
CIE Lab	83.71, -10.04, 5.50
CIE LCh	84, 11.444, 151.267
Yxy	63.5078, 0.3082, 0.3481
Android (android.graphics.Color)	4290893510 (0xFFC1D6C6)
YUV	205.8970, -3.8932, -11.3107
Hunter-Lab	79.6918, -13.5079, 9.1207

# Details

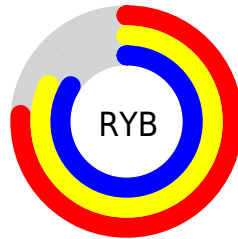
The XYZ color **56.2319, 63.5078, 62.7206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3124, 57.0410, 68.2611**, and the grayscale version is **58.6293, 61.6826, 67.1723**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.0796, 32.2989, 31.1399** is the 20% darker color. If you saturate the color by 10%, you get **49.3857, 60.1860, 53.1056**, and if you desaturate by 10%, it is **64.0736, 67.3230, 73.4419**.

# Distribution



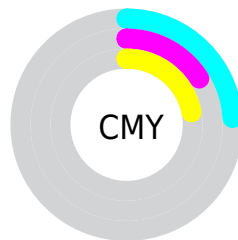
- Red (76%)
- Green (84%)
- Blue (78%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2319, 63.5078, 62.7206 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 56.2319, 63.5078, 62.7206 by changing the saturation by 10% instead.



■ 56.2319, 63.5078,  
62.7206

■ 56.2319, 63.5078,  
62.7206

400.6257,  
437.4101, 452.6348

■ 40.6266, 46.2521,  
45.1757

■ 98.4814, 109.9018,  
110.3480

■ 28.2138, 32.4448,  
31.2519

125.8563,  
139.8089, 141.2676

■ 18.6282, 21.7015,  
20.5306

157.8852,  
174.7019, 177.4824

■ 11.5043, 13.6377,  
12.5935

194.9333,  
214.9653, 219.4111

■ 6.4769, 7.8691,  
7.0218

237.3661,  
260.9834, 267.4721

■ 3.1806, 4.0113,  
3.3971

285.5488,

■ 1.2500, 1.6799,

313.1407, 322.0840

1.3008

339.8469,  
371.8214, 383.6654

■ 0.1453, 0.4106,  
0.0624

■ 0.0000, 0.0000,  
0.0000

■ 56.2319, 63.5078,  
62.7206

■ 56.2319, 63.5078,  
62.7206

■ 49.3857, 60.1860,  
53.1056

■ 64.0736, 67.3230,  
73.4419

■ 43.4895, 57.3295,  
44.5575

■ 72.9434, 71.6423,  
85.2988

■ 38.5023, 54.9197,  
37.0406

■ 82.0637, 76.0660,  
98.2867

■ 34.3777, 52.9336,  
30.5157

■ 83.3378, 76.5756,  
104.9959

■ 31.0655, 51.3460,  
24.9413

■ 28.5097, 50.1291,  
20.2725

■ 26.6472, 49.2514,  
16.4613

■ 25.4041, 48.6758,  
13.4546

■ 24.6559, 48.3394,  
11.1920

# Harmonies

## Analogous

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



57.8939, 63.5078, 58.0040



56.2319, 63.5078, 62.7206



55.6686, 63.5078, 69.4551

# Triad

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



56.2319, 63.5078, 62.7206



60.4690, 63.5078, 83.8951



64.5785, 63.5078, 62.2262

# Complementary

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



56.2319, 63.5078, 62.7206



58.3124, 57.0410, 68.2611

# 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.



65.3126, 63.5078, 68.8442



56.2319, 63.5078, 62.7206



62.8998, 63.5078, 81.6378

# Square

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



56.2319, 63.5078, 62.7206



58.0737, 63.5078, 81.9794



64.6901, 63.5078, 76.0027



62.7101, 63.5078, 57.7327



# Rectangle

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



56.2319, 63.5078, 62.7206



55.9792, 63.5078, 74.2803



64.6901, 63.5078, 76.0027



64.9683, 63.5078, 64.2600

# Sweetspot

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



56.2337, 63.5105, 62.7220



91.3669, 98.2081, 103.9032



59.9975, 65.5164, 59.9365



19.3506, 20.9206, 21.9593



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

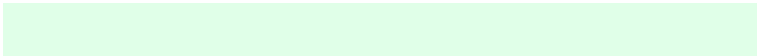


# Same Dimension

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



56.2337, 63.5105, 62.7220



81.1454, 93.2396, 89.8298



57.4754, 64.0072, 69.2607



12.3824, 13.9440, 13.8281



14.9292, 29.2270, 6.9227



0.9332, 1.7759, 0.5900



# Inverse Universe

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



58.3124, 57.0410, 68.2611



84.9024, 81.5462, 99.8404



57.0659, 56.5424, 61.6971



12.8207, 12.5798, 14.9961



20.8030, 10.2575, 22.0643

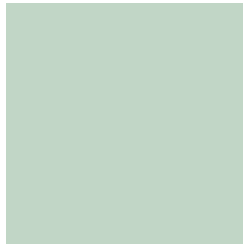


1.2859, 0.6312, 1.4951



# Previews

## White Background



This preview shows how the XYZ color 56.2319, 63.5078, 62.7206 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 56.2319, 63.5078, 62.7206 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

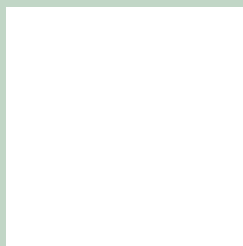
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 56.2319, 63.5078, 62.7206**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.2319, 63.5078, 62.7206.



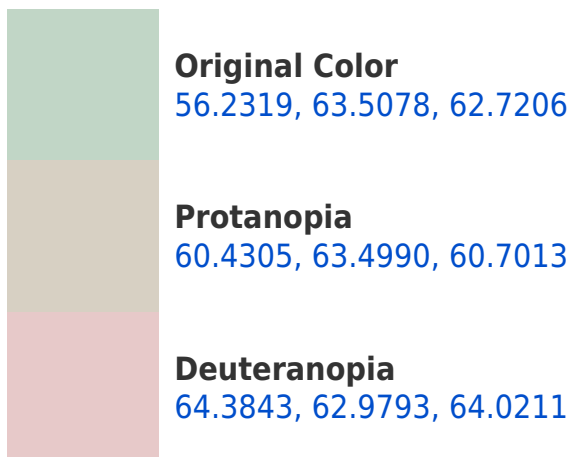
This preview shows how white text looks on a background with the XYZ color 56.2319, 63.5078,



# 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





## Tritanopia

60.0628, 63.5899, 81.0599

# Trichromacy



## Original Color

56.2319, 63.5078, 62.7206

## Protanomaly

58.7425, 63.3441, 61.3551

## Deuteranomaly

61.1119, 63.0645, 63.5953

## Tritanomaly

58.4539, 63.2822, 74.0996

# Monochromacy



## Original Color

56.2319, 63.5078, 62.7206

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

57.6674, 62.3302, 65.4915

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.2319, 63.5078, 62.7206 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(193, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(193, 214, 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(193, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 214, 198) }
```

## Border

The CSS property to change the border of an element to XYZ 56.2319, 63.5078, 62.7206 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(193, 214, 198) }
```



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

```
.border{ border-color:rgb(193, 214, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 214, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(193, 214,  
198) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.2319, 63.5078, 62.7206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 214, 198) }
```

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

```
.background{ background-color: rgb(193,  
214, 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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