

Converting Colors

XYZ(55.9913, 59.2187, 63.5286)

Have a look what the booklet for
XYZ(55.9913, 59.2187, 63.5286)
contains.

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Color

**XYZ(56.2557, 59.4855,
63.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	CACBC9
RGB	202, 203, 201
RGB Percent	79%, 80%, 79%
CMY	0.2078, 0.2039, 0.2118
CMYK	0.00, 0.00, 0.01, 0.20
HSL	90°, 2%, 79%
HSV	90°, 1%, 80%
XYZ	56.2557, 59.4855, 63.7752
YIQ	202.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

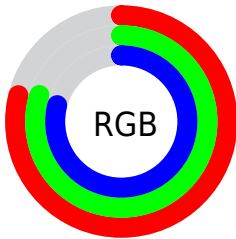
Format	Color
R _Y B	201, 203, 202
Decimal	13290441
CIE Lab	81.56, -0.70, 0.87
CIE LCh	82, 1.115, 129.132
Yxy	59.4855, 0.3134, 0.3314
Android (android.graphics.Color)	4291480521 (0xFFCACBC9)
YUV	202.4730, -0.7262, -0.4148
Hunter-Lab	77.1268, -4.7755, 4.9626

Details

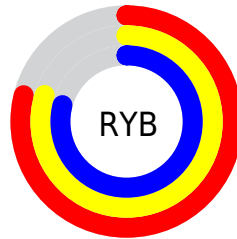
The XYZ color **56.2557, 59.4855, 63.7752** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0255, 58.6432, 64.8694**, and the grayscale version is **56.4403, 59.3796, 64.6644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2266, 29.8974, 31.8868** is the 20% darker color. If you saturate the color by 10%, you get **51.3629, 57.2228, 51.8933**, and if you desaturate by 10%, it is **61.6489, 61.9731, 77.3305**.

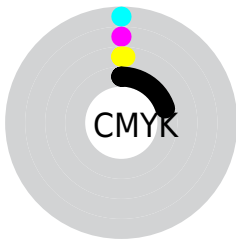
Distribution



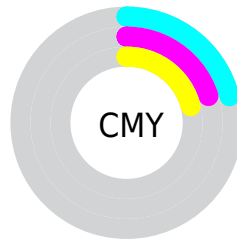
- Red (79%)
- Green (80%)
- Blue (79%)



- Red (79%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2557, 59.4855, 63.7752 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 56.2557, 59.4855, 63.7752 by changing the saturation by 10% instead.

■ 56.2557, 59.4855,
63.7752

■ 56.2557, 59.4855,
63.7752

400.7138,
422.6987, 456.5626

■ 40.6458, 43.0041,
46.0236

98.5160, 104.0830,
111.8835

■ 28.2289, 29.8883,
31.9156

125.8971,
132.9678, 143.0772

■ 18.6396, 19.7538,
21.0328

157.9325,
166.7558, 179.5888

■ 11.5126, 12.2162,
12.9565

194.9878,
205.8316, 221.8367

■ 6.4825, 6.8911,
7.2682

237.4282,
250.5793, 270.2395

■ 3.1841, 3.3941,
3.5494

285.6191,

■ 1.2518, 1.3408,

301.3835, 325.2157

1.3816

339.9259,
358.6285, 387.1839

■ 0.1467, 0.1725,
0.1273

■ 0.0000, 0.0000,
0.0000

■ 56.2557, 59.4855,
63.7752

■ 56.2557, 59.4855,
63.7752

■ 51.3629, 57.2228,
51.8933

■ 61.6489, 61.9731,
77.3305

■ 46.9496, 55.1706,
41.6162

■ 67.5523, 64.6842,
92.6166

■ 43.0010, 53.3243,
32.8758

■ 72.8505, 67.1749,
103.7342

■ 39.4992, 51.6766,
25.5983

■ 76.2572, 68.9311,
103.8936

■ 36.4253, 50.2192,
19.7033

■ 79.8581, 70.7875,
104.0621

■ 33.7586, 48.9435,
15.1029

■ 80.6471, 71.1942,
104.0990

■ 31.4765, 47.8400,
11.6989

■ 29.5534, 46.8980,
9.3793

■ 27.9597, 46.1051,
8.0106

Harmonies

Analogous

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



56.4678, 59.4855, 63.5057



56.2557, 59.4855, 63.7752



56.1198, 59.4855, 64.3117

Triad

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



56.2557, 59.4855, 63.7752



56.3791, 59.4855, 65.9811



56.9846, 59.4855, 64.5653

Complementary

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



56.2557, 59.4855, 63.7752



56.0255, 58.6432, 64.8694

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.



56.9606, 59.4855, 65.2297



56.2557, 59.4855, 63.7752



56.6106, 59.4855, 66.0502

Square

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



56.2557, 59.4855, 63.7752



56.1909, 59.4855, 65.5862



56.8236, 59.4855, 65.7743



56.8889, 59.4855, 63.9598

Rectangle

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



56.2557, 59.4855, 63.7752



56.0905, 59.4855, 64.7501



56.8236, 59.4855, 65.7743



56.9903, 59.4855, 64.7891

Sweetspot

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



56.2574, 59.4881, 63.7765

95.0500, 100.0000, 108.9000



56.2940, 59.1569, 63.7106



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



56.2574, 59.4881, 63.7765



94.1737, 99.5954, 106.7301



55.9877, 59.3490, 63.7639



12.5211, 13.2370, 14.2018



17.1340, 29.0082, 4.6961



0.9715, 1.5416, 0.2464

Inverse Universe

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



56.0255, 58.6432, 64.8694



93.7752, 98.1432, 108.6088



56.2970, 58.7832, 64.8821



12.4720, 13.0579, 14.4335



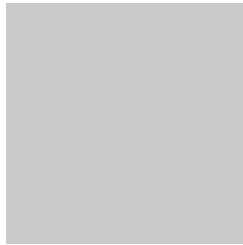
10.4293, 4.5841, 36.2914



0.6256, 0.2816, 1.8763

Previews

White Background



This preview shows how the XYZ color 56.2557, 59.4855, 63.7752 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 56.2557, 59.4855, 63.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

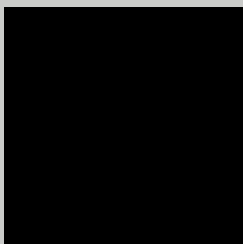
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

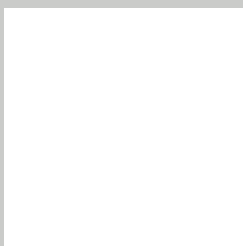
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2557, 59.4855, 63.7752

Background



This preview shows how black text looks on a background with the XYZ color 56.2557, 59.4855, 63.7752.



This preview shows how white text looks on a background with the XYZ color 56.2557, 59.4855,

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

56.2557, 59.4855, 63.7752

Protanopia

57.2780, 59.6766, 63.1434

Deuteranopia

60.5248, 59.2737, 64.1281



Tritanopia

58.1832, 59.5685, 73.3970

Trichromacy



Original Color

56.2557, 59.4855, 63.7752

Protanomaly

56.7227, 59.3903, 63.1175

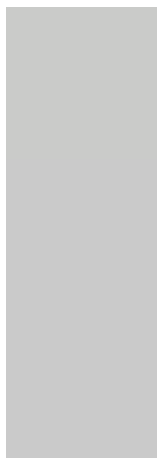
Deuteranomaly

59.1084, 59.5582, 64.2576

Tritanomaly

57.5070, 59.6407, 70.1089

Monochromacy



Original Color

56.2557, 59.4855, 63.7752

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1383, 59.0619, 64.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2557, 59.4855, 63.7752 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, 203, 201) looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 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(202, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.2557, 59.4855, 63.7752 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, 203, 201) }
```

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

```
.border{ border-color:rgb(202, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
201) }
```


Background

The CSS property to change the background color of an element to XYZ 56.2557, 59.4855, 63.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 201) }
```

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

```
.background{ background-color: rgb(202,  
203, 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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