

Converting Colors

XYZ(56.0908, 59.7942, 61.9387)

Have a look what the booklet for
XYZ(56.0908, 59.7942, 61.9387)
contains.

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Color

**XYZ(56.1430, 59.8195,
62.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	CACCC6
RGB	202, 204, 198
RGB Percent	79%, 80%, 78%
CMY	0.2078, 0.2000, 0.2235
CMYK	0.01, 0.00, 0.03, 0.20
HSL	80°, 6%, 79%
HSV	80°, 3%, 80%
XYZ	56.1430, 59.8195, 62.0133
YIQ	202.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

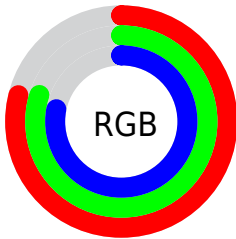
Format	Color
R_{YB}	198, 204, 200
Decimal	13290694
CIE _{Lab}	81.74, -1.77, 2.73
CIE _{LCh}	82, 3.258, 122.912
Yxy	59.8195, 0.3155, 0.3361
Android (android.graphics.Color)	4291480774 (0xFFCACC6)
YUV	202.7180, -2.3260, -0.6297
Hunter-Lab	77.3431, -5.7780, 6.6017

Details

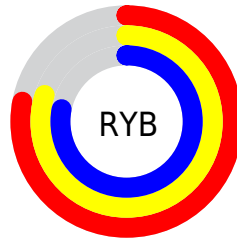
The XYZ color **56.1430, 59.8195, 62.0133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9149, 57.0288, 65.2432**, and the grayscale version is **56.6031, 59.5509, 64.8509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.1531, 30.1222, 30.7159** is the 20% darker color. If you saturate the color by 10%, you get **52.1453, 58.0141, 50.3592**, and if you desaturate by 10%, it is **60.5424, 61.7987, 75.3432**.

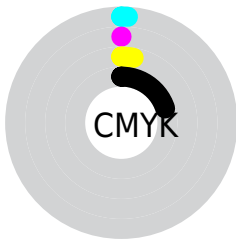
Distribution



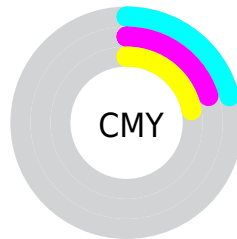
- Red (79%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1430, 59.8195, 62.0133 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 56.1430, 59.8195, 62.0133 by changing the saturation by 10% instead.

■ 56.1430, 59.8195,
62.0133

■ 56.1430, 59.8195,
62.0133

400.2965,
423.9321, 449.9886

■ 40.5550, 43.2732,
44.6076

98.3522, 104.5678,
109.3165

■ 28.1577, 30.0995,
30.8078

125.7042,
133.5385, 140.0511

■ 18.5856, 19.9141,
20.1953

157.7082,
167.4195, 176.0658

■ 11.4735, 12.3326,
12.3516

194.7296,
206.5952, 217.7790

■ 6.4559, 6.9706,
6.8582

237.1338,
251.4499, 265.6094

■ 3.1675, 3.4437,
3.2964

285.2861,

■ 1.2429, 1.3676,

302.3680, 319.9754

1.2479

339.5519,
359.7339, 381.2956

■ 0.1399, 0.1926,
0.0185

■ 0.0000, 0.0000,
0.0000

■ 56.1430, 59.8195,
62.0133

■ 56.1430, 59.8195,
62.0133

■ 52.1453, 58.0141,
50.3592

■ 60.5424, 61.7987,
75.3432

■ 48.5305, 56.3693,
40.3106

■ 65.3514, 63.9494,
90.4075

■ 45.2860, 54.8818,
31.7981

■ 69.8996, 66.0054,
103.6639

■ 42.3962, 53.5451,
24.7458

■ 72.0329, 67.1052,
103.7638

■ 39.8444, 52.3526,
19.0711

■ 74.2515, 68.2489,
103.8676

■ 37.6122, 51.2967,
14.6834

■ 76.5563, 69.4370,
103.9755

■ 35.6792, 50.3690,
11.4811

■ 78.9482, 70.6701,
104.0874

■ 34.0221, 49.5603,
9.3473

■ 80.8840, 71.6681,
104.1780

■ 32.6130, 48.8591,
8.1416

Harmonies

Analogous

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



56.7897, 59.8195, 61.4331



56.1430, 59.8195, 62.0133



55.6904, 59.8195, 63.4283

Triad

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



56.1430, 59.8195, 62.0133



56.2581, 59.8195, 68.5545



58.1841, 59.8195, 64.9416

Complementary

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



56.1430, 59.8195, 62.0133



54.9149, 57.0288, 65.2432

Split Complementary

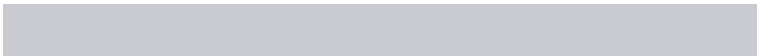
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.0390, 59.8195, 66.8685



56.1430, 59.8195, 62.0133



56.9237, 59.8195, 68.9791

Square

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



56.1430, 59.8195, 62.0133



55.7565, 59.8195, 67.2073



57.5763, 59.8195, 68.3562



57.9711, 59.8195, 63.1023

Rectangle

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



56.1430, 59.8195, 62.0133



55.5578, 59.8195, 64.6682



57.5763, 59.8195, 68.3562



58.1756, 59.8195, 65.6005

Sweetspot

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



56.1447, 59.8221, 62.0146



94.3297, 99.6758, 106.7374



55.7513, 58.2251, 61.7271



20.1980, 21.3381, 22.8690



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.



56.1447, 59.8221, 62.0146



92.2095, 98.7204, 100.4212



55.3410, 59.4077, 61.9770



12.1929, 13.0903, 13.1689



20.0746, 30.5241, 4.8337



1.1141, 1.6151, 0.2530

Inverse Universe

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



54.9149, 57.0288, 65.2432



89.4259, 92.3977, 107.7290



55.7239, 57.4458, 65.2810



11.7660, 12.1205, 14.2897



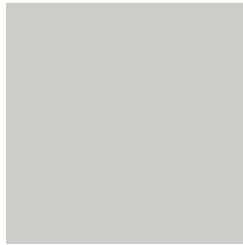
8.4533, 3.5654, 36.1989



0.5165, 0.2254, 1.8712

Previews

White Background



This preview shows how the XYZ color 56.1430, 59.8195, 62.0133 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 56.1430, 59.8195, 62.0133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

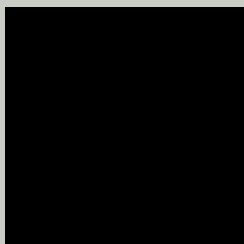
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

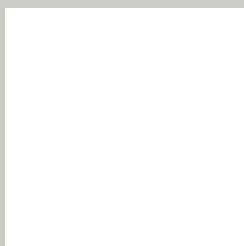
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1430, 59.8195, 62.0133

Background



This preview shows how black text looks on a background with the XYZ color 56.1430, 59.8195, 62.0133.



This preview shows how white text looks on a background with the XYZ color 56.1430, 59.8195,

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

56.1430, 59.8195, 62.0133

Protanopia

57.2110, 59.6822, 61.3278

Deuteranopia

60.9057, 59.4973, 62.9176



Tritanopia

58.5879, 59.7622, 74.0930

Trichromacy



Original Color

56.1430, 59.8195, 62.0133

Protanomaly

56.8876, 59.8649, 61.3801

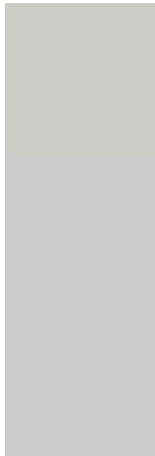
Deuteranomaly

59.0511, 59.5693, 62.4185

Tritanomaly

57.6552, 59.7316, 69.4634

Monochromacy



Original Color

56.1430, 59.8195, 62.0133

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5272, 59.6254, 63.7879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1430, 59.8195, 62.0133 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, 204, 198) looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 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(202, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.1430, 59.8195, 62.0133 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, 204, 198) }
```


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

```
.border{ border-color:rgb(202, 204, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1430, 59.8195, 62.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 198) }
```

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

```
.background{ background-color: rgb(202,  
204, 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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