

Converting Colors

XYZ(56.1960, 60.1855, 63.0516)

Have a look what the booklet for
XYZ(56.1960, 60.1855, 63.0516)
contains.

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Color

**XYZ(56.3440, 60.2503,
63.3034)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CDC8
RGB	201, 205, 200
RGB Percent	79%, 80%, 78%
CMY	0.2118, 0.1961, 0.2157
CMYK	0.02, 0.00, 0.02, 0.20
HSL	108°, 5%, 79%
HSV	108°, 2%, 80%
XYZ	56.3440, 60.2503, 63.3034
YIQ	203.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

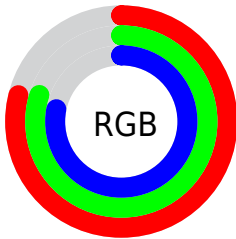
Format	Color
RYB	200, 205, 204
Decimal	13225416
CIELab	81.97, -2.28, 2.00
CIElCh	82, 3.030, 138.776
Yxy	60.2503, 0.3132, 0.3349
Android (android.graphics.Color)	4291415496 (0xFFC9CDC8)
YUV	203.2340, -1.5944, -1.9592
Hunter-Lab	77.6211, -6.2663, 5.9811

Details

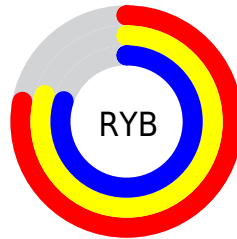
The XYZ color **56.3440, 60.2503, 63.3034** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5780, 58.5554, 66.0811**, and the grayscale version is **56.9232, 59.8877, 65.2177**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2875, 30.4116, 31.5732** is the 20% darker color. If you saturate the color by 10%, you get **49.9302, 57.2041, 51.3239**, and if you desaturate by 10%, it is **63.5535, 63.6730, 76.9997**.

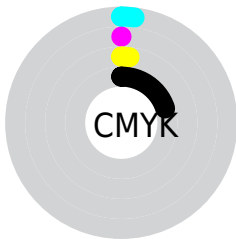
Distribution



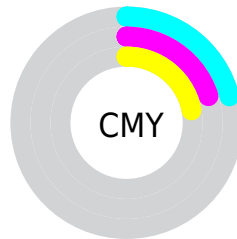
- Red (79%)
- Green (80%)
- Blue (78%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3440, 60.2503, 63.3034 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 56.3440, 60.2503, 63.3034 by changing the saturation by 10% instead.

■ 56.3440, 60.2503,
63.3034

■ 56.3440, 60.2503,
63.3034

401.0406,
425.5198, 454.8080

■ 40.7169, 43.6204,
45.6441

98.6443, 105.1927,
111.1969

■ 28.2846, 30.3722,
31.6184

126.0481,
134.2740, 142.2682

■ 18.6819, 20.1213,
20.8078

158.1082,
168.2745, 178.6473

■ 11.5433, 12.4832,
12.7937

195.1900,
207.5787, 220.7527

■ 6.5035, 7.0737,
7.1576

237.6588,
252.5709, 269.0029

■ 3.1971, 3.5082,
3.4809

285.8799,

■ 1.2588, 1.4025,

303.6355, 323.8165

1.3451

340.2187,
361.1570, 385.6120

■ 0.1521, 0.2185,
0.0984

■ 0.0000, 0.0000,
0.0000

■ 56.3440, 60.2503,
63.3034

■ 56.3440, 60.2503,
63.3034

■ 49.9302, 57.2041,
51.3239

■ 63.5535, 63.6730,
76.9997

■ 44.2797, 54.5141,
40.9896

■ 71.5797, 67.4765,
92.4726

■ 39.3652, 52.1693,
32.2299

■ 79.3843, 71.2490,
104.1762

■ 35.1556, 50.1556,
24.9675

■ 81.1225, 72.1450,
104.2575

■ 31.6180, 48.4577,
19.1185

■ 28.7165, 47.0591,
14.5907

■ 26.4116, 45.9418,
11.2812

■ 24.6595, 45.0856,
9.0716

■ 23.4093, 44.4675,
7.8200

Harmonies

Analogous

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



56.8703, 60.2503, 62.3165



56.3440, 60.2503, 63.3034



56.0656, 60.2503, 64.9176

Triad

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



56.3440, 60.2503, 63.3034



57.0265, 60.2503, 69.1262



58.4411, 60.2503, 64.4726

Complementary

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



56.3440, 60.2503, 63.3034



56.5780, 58.5554, 66.0811

Split Complementary

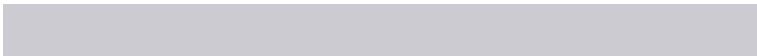
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.4837, 60.2503, 66.2918



56.3440, 60.2503, 63.3034



57.6638, 60.2503, 69.0016

Square

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



56.3440, 60.2503, 63.3034



56.4577, 60.2503, 68.2935



58.1982, 60.2503, 67.9563



58.0822, 60.2503, 62.9829

Rectangle

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



56.3440, 60.2503, 63.3034



56.0565, 60.2503, 66.1424



58.1982, 60.2503, 67.9563



58.4929, 60.2503, 65.0652

Sweetspot

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



56.3457, 60.2529, 63.3047



93.8953, 99.4519, 106.7171



57.1976, 60.3378, 63.2762



20.1096, 21.2926, 22.8649



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.



56.3457, 60.2529, 63.3047



91.6261, 98.3744, 102.4381



56.2542, 60.1853, 64.2208



12.0689, 13.0208, 13.4127



14.2216, 27.5068, 4.5598



0.7968, 1.4516, 0.2382

Inverse Universe

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



56.5780, 58.5554, 66.0811



92.0979, 94.9271, 108.0764



56.6725, 58.6249, 65.1441



12.1460, 12.4571, 14.3347



16.4757, 7.7011, 36.5744



0.9073, 0.4268, 1.8895

Previews

White Background



This preview shows how the XYZ color 56.3440, 60.2503, 63.3034 looks on a white background.

Color Contrast Check

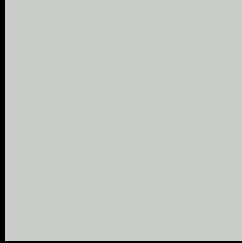
Large Text (above 18pt) WCAG AA × Fail

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 56.3440, 60.2503, 63.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

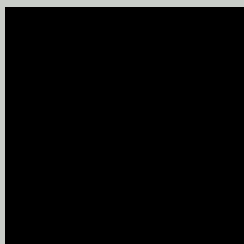
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

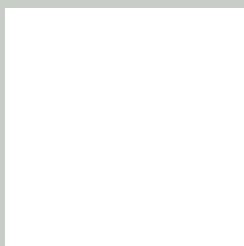
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3440, 60.2503, 63.3034

Background



This preview shows how black text looks on a background with the XYZ color 56.3440, 60.2503, 63.3034.



This preview shows how white text looks on a background with the XYZ color 56.3440, 60.2503,

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

56.3440, 60.2503, 63.3034

Protanopia

57.6772, 60.2453, 62.6214

Deuteranopia

61.3674, 60.0441, 64.2324



Tritanopia

58.6773, 60.1404, 74.8453

Trichromacy



Original Color

56.3440, 60.2503, 63.3034

Protanomaly

57.0785, 60.2884, 62.6613

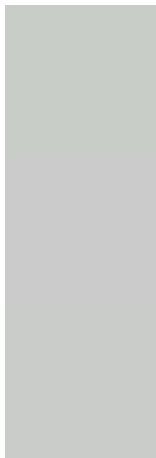
Deuteranomaly

59.5158, 60.1245, 63.7267

Tritanomaly

57.7424, 60.1115, 70.1874

Monochromacy



Original Color

56.3440, 60.2503, 63.3034

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6107, 60.0066, 64.4758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3440, 60.2503, 63.3034 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(201, 205, 200) looks like.

```
.text, #text, p{  
    color:rgb(201, 205, 200)  
}
```

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(201, 205, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 205, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.3440, 60.2503, 63.3034 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(201, 205, 200) }
```


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

```
.border{ border-color:rgb(201, 205, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 205, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 205, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 205, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 205,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3440, 60.2503, 63.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 205, 200) }
```

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

```
.background{ background-color: rgb(201,  
205, 200) }
```

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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