

Converting Colors

XYZ(56.2116, 59.9635, 66.0882)

Have a look what the booklet for
XYZ(56.2116, 59.9635, 66.0882)
contains.

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Color

**XYZ(56.4040, 60.2125,
66.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CDCD
RGB	199, 205, 205
RGB Percent	78%, 80%, 80%
CMY	0.2196, 0.1961, 0.1961
CMYK	0.03, 0.00, 0.00, 0.20
HSL	180°, 6%, 79%
HSV	180°, 3%, 80%
XYZ	56.4040, 60.2125, 66.4070
YIQ	203.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

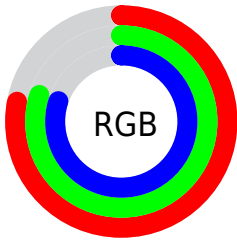
Format	Color
R _{YB}	199, 202, 205
Decimal	13094349
CIE Lab	81.95, -2.04, -0.72
CIE LCh	82, 2.166, 199.506
Yxy	60.2125, 0.3082, 0.3290
Android (android.graphics.Color)	4291284429 (0xFFC7CDCD)
YUV	203.2060, 0.8844, -3.6887
Hunter-Lab	77.5967, -6.0450, 3.5775

Details

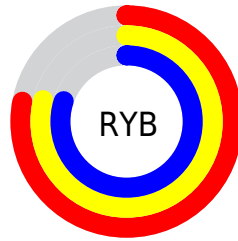
The XYZ color **56.4040, 60.2125, 66.4070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9113, 57.9512, 62.2747**, and the grayscale version is **56.8918, 59.8546, 65.1817**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3296, 30.3873, 33.6504** is the 20% darker color. If you saturate the color by 10%, you get **51.3261, 57.5966, 66.1638**, and if you desaturate by 10%, it is **62.2181, 63.2113, 66.6871**.

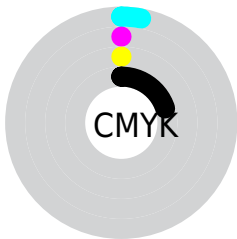
Distribution



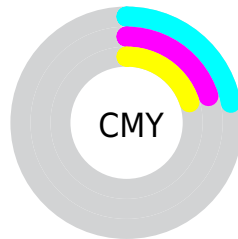
- Red (78%)
- Green (80%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4040, 60.2125, 66.4070 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 56.4040, 60.2125, 66.4070 by changing the saturation by 10% instead.

■ 56.4040, 60.2125,
66.4070

■ 56.4040, 60.2125,
66.4070

401.2626,
425.3806, 466.2749

■ 40.7652, 43.5899,
48.1443

98.7314, 105.1379,
115.7029

■ 28.3225, 30.3483,
33.5804

126.1507,
134.2095, 147.5731

■ 18.7106, 20.1031,
22.2967

158.2276,
168.1995, 184.8163

■ 11.5641, 12.4700,
13.8747

195.3274,
207.4924, 227.8509

■ 6.5177, 7.0646,
7.8958

237.8154,
252.4726, 277.0955

■ 3.2060, 3.5025,
3.9415

286.0571,

■ 1.2636, 1.3994,

303.5244, 332.9687

1.5933

340.4177,
361.0323, 395.8890

■ 0.1557, 0.2163,
0.2860

■ 0.0000, 0.0000,
0.0000

■ 56.4040, 60.2125,
66.4070

■ 56.4040, 60.2125,
66.4070

■ 51.3261, 57.5966,
66.1638

■ 62.2181, 63.2113,
66.6871

■ 46.9502, 55.3409,
65.9522

■ 68.7908, 66.5995,
67.0015

■ 43.2469, 53.4319,
65.7721

■ 74.0960, 69.3343,
67.2566

■ 40.1830, 51.8525,
65.6220

■ 74.0973, 69.3348,
67.2634

■ 37.7221, 50.5841,
65.5000

■ 74.0986, 69.3353,
67.2703

■ 35.8247, 49.6060,
65.4044

■ 74.0999, 69.3358,
67.2771

■ 34.4459, 48.8954,
65.3331

■ 74.1012, 69.3364,
67.2840

■ 33.5347, 48.4258,
65.2837

■ 74.1025, 69.3369,
67.2909

■ 33.0293, 48.1654,
65.2532

■ 74.1038, 69.3374,
67.2977

Harmonies

Analogous

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



56.3685, 60.2125, 65.1028



56.4040, 60.2125, 66.4070



56.6602, 60.2125, 67.4981

Triad

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



56.4040, 60.2125, 66.4070



57.9026, 60.2125, 67.2128



57.3907, 60.2125, 63.1122

Complementary

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



56.4040, 60.2125, 66.4070



55.9113, 57.9512, 62.2747

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.



57.8040, 60.2125, 63.6617



56.4040, 60.2125, 66.4070



58.1005, 60.2125, 66.0217

Square

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



56.4040, 60.2125, 66.4070



57.5248, 60.2125, 67.9676



58.0644, 60.2125, 64.7226



56.9366, 60.2125, 63.2122

Rectangle

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



56.4040, 60.2125, 66.4070



56.9224, 60.2125, 67.9524



58.0644, 60.2125, 64.7226



57.5391, 60.2125, 63.2267

Sweetspot

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



56.4057, 60.2151, 66.4083



94.1178, 99.5195, 108.8552



55.7217, 59.9445, 62.6675



20.1549, 21.3063, 23.3000



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.



56.4057, 60.2151, 66.4083



91.3956, 98.1162, 108.7245



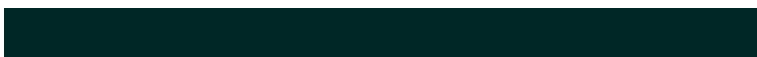
55.7184, 58.8399, 66.1811



12.0686, 12.9979, 14.4424



20.4429, 29.9224, 40.6126



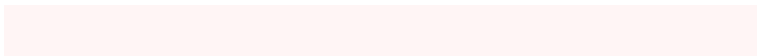
1.0547, 1.5437, 2.0956

Inverse Universe

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



55.9113, 57.9512, 62.2747



90.2837, 93.0246, 99.4276



56.5849, 59.2990, 62.4974



11.8981, 12.2170, 13.0165



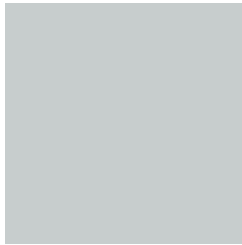
15.6740, 8.0802, 0.7360



0.8087, 0.4169, 0.0384

Previews

White Background



This preview shows how the XYZ color 56.4040, 60.2125, 66.4070 looks on a white background.

Color Contrast Check

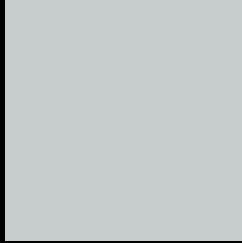
Large Text (above 18pt) WCAG AA × Fail

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 56.4040, 60.2125, 66.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

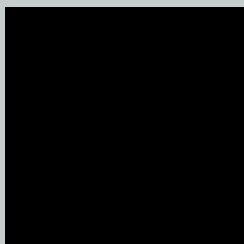
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

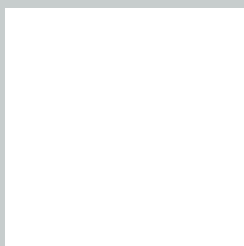
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4040, 60.2125, 66.4070

Background



This preview shows how black text looks on a background with the XYZ color 56.4040, 60.2125, 66.4070.



This preview shows how white text looks on a background with the XYZ color 56.4040, 60.2125,

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

56.4040, 60.2125, 66.4070

Protanopia

57.9871, 60.3369, 65.7167

Deuteranopia

61.3529, 59.9671, 67.3726



Tritanopia

58.2295, 60.2439, 75.5770

Trichromacy



Original Color

56.4040, 60.2125, 66.4070

Protanomaly

57.3938, 60.3827, 65.7568

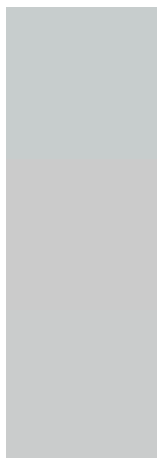
Deuteranomaly

59.5264, 60.0609, 66.8481

Tritanomaly

57.5499, 60.3201, 72.2281

Monochromacy



Original Color

56.4040, 60.2125, 66.4070

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8491, 60.1019, 65.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4040, 60.2125, 66.4070 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(199, 205, 205) looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 205)  
}
```

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(199, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.4040, 60.2125, 66.4070 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(199, 205, 205) }
```


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

```
.border{ border-color:rgb(199, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4040, 60.2125, 66.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 205) }
```

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

```
.background{ background-color: rgb(199,  
205, 205) }
```

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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