

Converting Colors

XYZ(56.9918, 60.0329, 66.3677)

Have a look what the booklet for
XYZ(56.9918, 60.0329, 66.3677)
contains.

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Color

**XYZ(56.9694, 60.1501,
66.3651)**

Conversions

Conversions Part 1

Format	Color
Hex	CACCCD
RGB	202, 204, 205
RGB Percent	79%, 80%, 80%
CMY	0.2078, 0.2000, 0.1961
CMYK	0.01, 0.00, 0.00, 0.20
HSL	200°, 3%, 80%
HSV	200°, 1%, 80%
XYZ	56.9694, 60.1501, 66.3651
YIQ	203.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

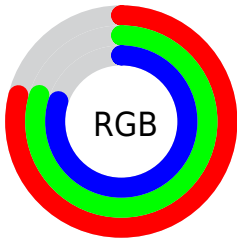
Format	Color
RYB	202, 203, 205
Decimal	13290701
CIELab	81.92, -0.50, -0.75
CIELCh	82, 0.896, 236.357
Yxy	60.1501, 0.3105, 0.3278
Android (android.graphics.Color)	4291480781 (0xFFCACCDD)
YUV	203.5160, 0.7316, -1.3295
Hunter-Lab	77.5565, -4.6061, 3.5551

Details

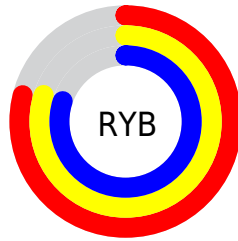
The XYZ color **56.9694, 60.1501, 66.3651** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1934, 59.9544, 64.4358**, and the grayscale version is **57.0869, 60.0598, 65.4052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7050, 30.3430, 33.6220** is the 20% darker color. If you saturate the color by 10%, you get **50.2043, 54.3142, 65.5961**, and if you desaturate by 10%, it is **64.5455, 66.5125, 67.1948**.

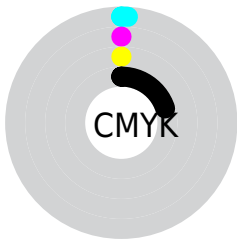
Distribution



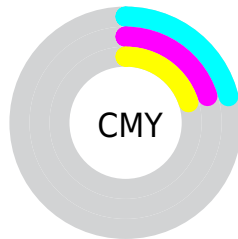
- Red (79%)
- Green (80%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9694, 60.1501, 66.3651 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 56.9694, 60.1501, 66.3651 by changing the saturation by 10% instead.

■ 56.9694, 60.1501,
66.3651

■ 56.9694, 60.1501,
66.3651

403.3507,
425.1508, 466.1213

■ 41.2207, 43.5396,
48.1105

99.5522, 105.0474,
115.6422

■ 28.6800, 30.3087,
33.5538

127.1169,
134.1030, 147.5017

■ 18.9820, 20.0731,
22.2764

159.3511,
168.0757, 184.7334

■ 11.7612, 12.4482,
13.8599

196.6201,
207.3501, 227.7556

■ 6.6523, 7.0497,
7.8857

239.2892,
252.3103, 276.9869

■ 3.2900, 3.4932,
3.9351

287.7237,

■ 1.3089, 1.3943,

303.3409, 332.8460

1.5898

342.2891,
360.8263, 395.7513

■ 0.1899, 0.2125,
0.2835

■ 0.0000, 0.0000,
0.0000

■ 56.9694, 60.1501,
66.3651

■ 56.9694, 60.1501,
66.3651

■ 50.2043, 54.3142,
65.5961

■ 64.5455, 66.5125,
67.1948

■ 44.2155, 48.9804,
64.8823

■ 72.9556, 73.4095,
68.0828

■ 38.9728, 44.1337,
64.2231

■ 79.0309, 79.2105,
68.8823

■ 34.4426, 39.7552,
63.6167

■ 80.9022, 82.9530,
69.5060

■ 30.5880, 35.8246,
63.0612

■ 82.8476, 86.8438,
70.1545

■ 27.3689, 32.3198,
62.5543

■ 84.8680, 90.8847,
70.8280

■ 24.7406, 29.2161,
62.0938

■ 86.9642, 95.0770,
71.5267

■ 22.6519, 26.4858,
61.6769

■ 88.0196, 97.1878,
71.8785

■ 21.0419, 24.0959,
61.3004

Harmonies

Analogous

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



56.8453, 60.1501, 65.9572



56.9694, 60.1501, 66.3651



57.1477, 60.1501, 66.5393

Triad

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



56.9694, 60.1501, 66.3651



57.5350, 60.1501, 65.5595



57.0094, 60.1501, 64.5634

Complementary

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



56.9694, 60.1501, 66.3651



57.1934, 59.9544, 64.4358

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.



57.1940, 60.1501, 64.4582



56.9694, 60.1501, 66.3651



57.4977, 60.1501, 65.0314

Square

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



56.9694, 60.1501, 66.3651



57.4745, 60.1501, 66.0726



57.3728, 60.1501, 64.6290



56.8683, 60.1501, 64.9173

Rectangle

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



56.9694, 60.1501, 66.3651



57.2735, 60.1501, 66.4988



57.3728, 60.1501, 64.6290



57.0684, 60.1501, 64.4978

Sweetspot

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



56.9711, 60.1527, 66.3664

95.0500, 100.0000, 108.9000



56.9628, 60.5295, 65.1506



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.



56.9711, 60.1527, 66.3664



92.6606, 97.9696, 108.6340



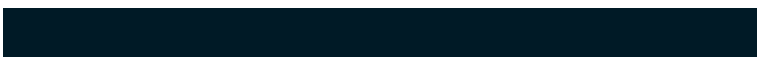
56.6272, 59.4648, 66.2518



12.3344, 13.0365, 14.4366



12.5121, 14.0482, 38.0084



0.7133, 0.8604, 1.9834

Inverse Universe

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



57.1977, 59.5808, 65.6155



93.1730, 96.6805, 106.9350



57.5383, 60.6443, 64.5508



12.3976, 12.8774, 14.2271



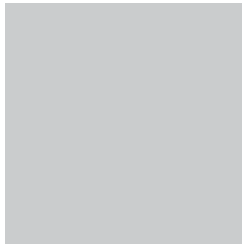
18.5264, 9.2212, 15.7568



0.9900, 0.4894, 0.9932

Previews

White Background



This preview shows how the XYZ color 56.9694, 60.1501, 66.3651 looks on a white background.

Color Contrast Check

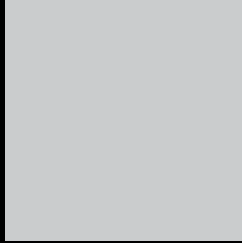
Large Text (above 18pt) WCAG AA × Fail

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 56.9694, 60.1501, 66.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

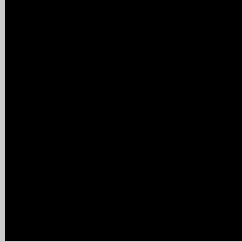
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

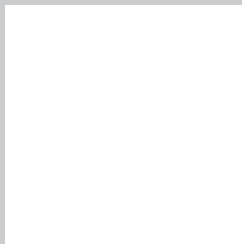
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9694, 60.1501, 66.3651

Background



This preview shows how black text looks on a background with the XYZ color 56.9694, 60.1501, 66.3651.

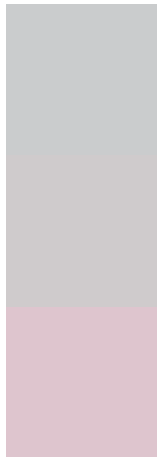


This preview shows how white text looks on a background with the XYZ color 56.9694, 60.1501,

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

56.9694, 60.1501, 66.3651

Protanopia

57.9871, 60.3369, 65.7167

Deuteranopia

61.2310, 59.9183, 66.7307



Tritanopia

58.6773, 60.1404, 74.8453

Trichromacy



Original Color

56.9694, 60.1501, 66.3651

Protanomaly

57.4319, 60.0506, 65.6907

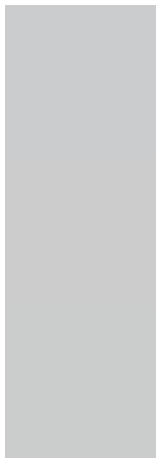
Deuteranomaly

59.8192, 60.2119, 66.8618

Tritanomaly

57.9948, 60.2125, 71.5163

Monochromacy



Original Color

56.9694, 60.1501, 66.3651

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1206, 60.2419, 65.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9694, 60.1501, 66.3651 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, 205) looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 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(202, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.9694, 60.1501, 66.3651 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, 205) }
```

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

```
.border{ border-color:rgb(202, 204, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 56.9694, 60.1501, 66.3651 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, 205) }
```

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

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