

Converting Colors

XYZ(56.3964, 60.1990, 67.6795)

Have a look what the booklet for
XYZ(56.3964, 60.1990, 67.6795)
contains.

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Color

**XYZ(56.3825, 60.1734,
67.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CDCF
RGB	198, 205, 207
RGB Percent	78%, 80%, 81%
CMY	0.2235, 0.1961, 0.1882
CMYK	0.04, 0.01, 0.00, 0.19
HSL	193°, 9%, 79%
HSV	193°, 4%, 81%
XYZ	56.3825, 60.1734, 67.6744
YIQ	203.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

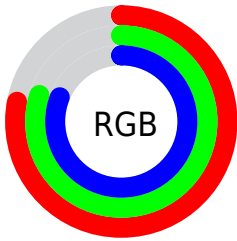
Format	Color
RYB	198, 202, 207
Decimal	13028815
CIELab	81.93, -2.00, -1.83
CIELCh	82, 2.715, 222.439
Yxy	60.1734, 0.3060, 0.3266
Android (android.graphics.Color)	4291218895 (0xFFC6CDCF)
YUV	203.1350, 1.9054, -4.5034
Hunter-Lab	77.5715, -6.0082, 2.5747

Details

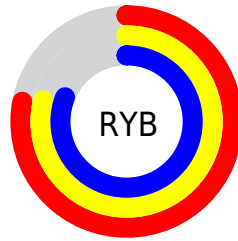
The XYZ color **56.3825, 60.1734, 67.6744** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5796, 58.6506, 61.7656**, and the grayscale version is **56.8415, 59.8017, 65.1241**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3180, 30.3624, 34.5050** is the 20% darker color. If you saturate the color by 10%, you get **50.2128, 55.3875, 67.0767**, and if you desaturate by 10%, it is **63.3336, 65.4134, 68.3204**.

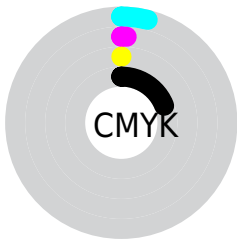
Distribution



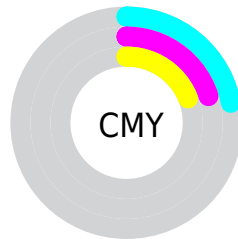
- Red (78%)
- Green (80%)
- Blue (81%)



- Red (78%)
- Yellow (79%)
- Blue (81%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3825, 60.1734, 67.6744 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 56.3825, 60.1734, 67.6744 by changing the saturation by 10% instead.

■ 56.3825, 60.1734,
67.6744

■ 56.3825, 60.1734,
67.6744

401.1831,
425.2366, 470.9082

■ 40.7479, 43.5584,
49.1679

98.7002, 105.0812,
117.5360

■ 28.3089, 30.3235,
34.3861

126.1140,
134.1427, 149.7282

■ 18.7003, 20.0843,
22.9106

158.1848,
168.1220, 187.3193

■ 11.5567, 12.4563,
14.3228

195.2782,
207.4032, 230.7280

■ 6.5126, 7.0552,
8.2042

237.7593,
252.3709, 280.3726

■ 3.2028, 3.4967,
4.1363

285.9936,

■ 1.2619, 1.3962,

303.4095, 336.6719

1.7004

340.3464,
360.9032, 400.0442

■ 0.1544, 0.2139,
0.3610

■ 0.0000, 0.0000,
0.0000

■ 56.3825, 60.1734,
67.6744

■ 56.3825, 60.1734,
67.6744

■ 50.2128, 55.3875,
67.0767

■ 63.3336, 65.4134,
68.3204

■ 44.7890, 51.0319,
66.5219

■ 71.0896, 71.1148,
69.0121

■ 40.0805, 47.0921,
66.0096

■ 77.7773, 76.3143,
69.6632

■ 36.0524, 43.5497,
65.5381

■ 78.9904, 78.7405,
70.0676

■ 32.6671, 40.3849,
65.1057

■ 80.2368, 81.2333,
70.4830

■ 29.8827, 37.5757,
64.7102

■ 81.5168, 83.7933,
70.9097

■ 27.6526, 35.0976,
64.3494

■ 82.8306, 86.4209,
71.3476

■ 25.9227, 32.9223,
64.0207

■ 84.1784, 89.1166,
71.7969

■ 24.6273, 31.0155,
63.7210

■ 85.5606, 91.8809,
72.2576

Harmonies

Analogous

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



56.1222, 60.1734, 66.2017



56.3825, 60.1734, 67.6744



56.8607, 60.1734, 68.5780

Triad

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



56.3825, 60.1734, 67.6744



58.2515, 60.1734, 66.4768



56.9557, 60.1734, 62.4807

Complementary

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



56.3825, 60.1734, 67.6744



56.5796, 58.6506, 61.7656

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.



57.5266, 60.1734, 62.5515



56.3825, 60.1734, 67.6744



58.2774, 60.1734, 64.8402

Square

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



56.3825, 60.1734, 67.6744



57.9409, 60.1734, 67.8787



58.0113, 60.1734, 63.4091



56.4516, 60.1734, 63.2139

Rectangle

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



56.3825, 60.1734, 67.6744



57.2400, 60.1734, 68.7270



58.0113, 60.1734, 63.4091



57.1461, 60.1734, 62.4116

Sweetspot

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



56.3842, 60.1760, 67.6757



93.9378, 99.1591, 108.7963



56.0219, 60.8002, 63.3968



20.1183, 21.2330, 23.2880



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.



56.3842, 60.1760, 67.6757



89.6181, 95.8700, 108.3891



55.3340, 58.0755, 67.3256



12.4597, 13.3548, 15.1647



15.2072, 19.0610, 40.0701



0.9065, 1.1782, 2.2592

Inverse Universe

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



56.9470, 58.0625, 65.9664



90.6645, 91.9523, 105.2080



57.6260, 60.7435, 62.1145



12.6228, 12.7458, 14.6686



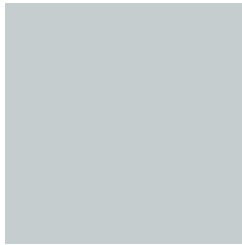
20.3066, 9.9955, 22.3186



1.1638, 0.5702, 1.3974

Previews

White Background



This preview shows how the XYZ color 56.3825, 60.1734, 67.6744 looks on a white background.

Color Contrast Check

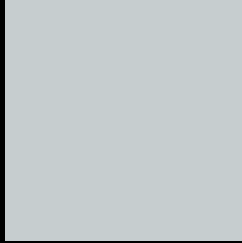
Large Text (above 18pt) WCAG AA × Fail

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 56.3825, 60.1734, 67.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

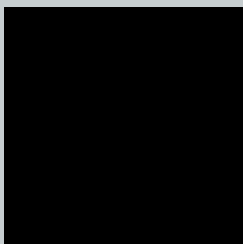
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

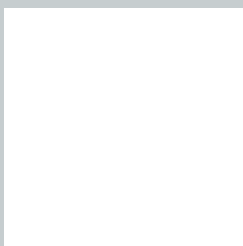
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3825, 60.1734, 67.6744

Background



This preview shows how black text looks on a background with the XYZ color 56.3825, 60.1734, 67.6744.



This preview shows how white text looks on a background with the XYZ color 56.3825, 60.1734,

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

56.3825, 60.1734, 67.6744

Protanopia

57.9501, 60.2899, 66.9753

Deuteranopia

61.2937, 59.9081, 68.6545



Tritanopia

57.9615, 60.1057, 75.5645

Trichromacy



Original Color

56.3825, 60.1734, 67.6744

Protanomaly

57.3620, 60.3385, 67.0157

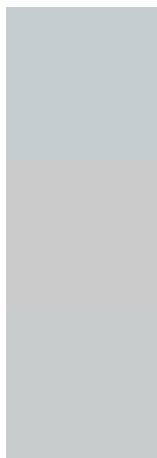
Deuteranomaly

59.4800, 60.0088, 68.1224

Tritanomaly

57.4118, 60.2341, 72.8904

Monochromacy



Original Color

56.3825, 60.1734, 67.6744

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5793, 59.9629, 65.7187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3825, 60.1734, 67.6744 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(198, 205, 207) looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 207)  
}
```

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(198, 205, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.3825, 60.1734, 67.6744 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(198, 205, 207) }
```


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

```
.border{ border-color:rgb(198, 205, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 205, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 207);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3825, 60.1734, 67.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 207) }
```

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

```
.background{ background-color: rgb(198,  
205, 207) }
```

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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