

Converting Colors

XYZ(56.4528, 60.2082, 68.1914)

Have a look what the booklet for
XYZ(56.4528, 60.2082, 68.1914)
contains.

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Color

**XYZ(56.5052, 60.2225,
68.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CDD0
RGB	198, 205, 208
RGB Percent	78%, 80%, 82%
CMY	0.2235, 0.1961, 0.1843
CMYK	0.05, 0.01, 0.00, 0.18
HSL	198°, 10%, 80%
HSV	198°, 5%, 82%
XYZ	56.5052, 60.2225, 68.3205
YIQ	203.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

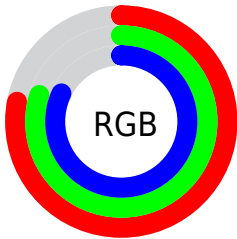
Format	Color
R_{YB}	198, 202, 208
Decimal	13028816
CIE _{Lab}	81.96, -1.81, -2.33
CIE _{LCh}	82, 2.951, 232.071
Yxy	60.2225, 0.3054, 0.3254
Android (android.graphics.Color)	4291218896 (0xFFC6CDD0)
YUV	203.2490, 2.3422, -4.6034
Hunter-Lab	77.6032, -5.8343, 2.1243

Details

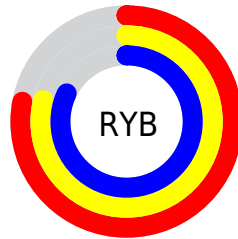
The XYZ color **56.5052, 60.2225, 68.3205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0923, 59.2598, 61.8562**, and the grayscale version is **56.9107, 59.8745, 65.2033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4009, 30.3956, 34.9419** is the 20% darker color. If you saturate the color by 10%, you get **49.9336, 54.6668, 67.5954**, and if you desaturate by 10%, it is **63.8926, 66.2903, 69.1033**.

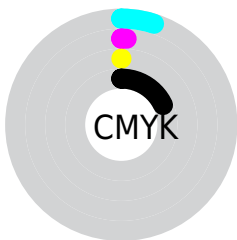
Distribution



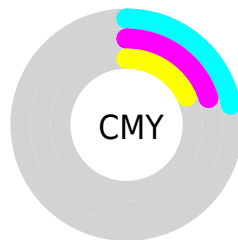
- Red (78%)
- Green (80%)
- Blue (82%)



- Red (78%)
- Yellow (79%)
- Blue (82%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5052, 60.2225, 68.3205 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 56.5052, 60.2225, 68.3205 by changing the saturation by 10% instead.

■ 56.5052, 60.2225,
68.3205

■ 56.5052, 60.2225,
68.3205

401.6368,
425.4174, 473.2596

■ 40.8467, 43.5980,
49.6902

98.8784, 105.1524,
118.4691

■ 28.3865, 30.3546,
34.7978

126.3238,
134.2265, 150.8244

■ 18.7591, 20.1079,
23.2249

158.4289,
168.2193, 188.5919

■ 11.5993, 12.4735,
14.5528

195.5590,
207.5152, 232.1900

■ 6.5417, 7.0670,
8.3630

238.0795,
252.4986, 282.0373

■ 3.2210, 3.5040,
4.2370

286.3557,

■ 1.2717, 1.4002,

303.5538, 338.5523

1.7562

340.7530,
361.0653, 402.1535

■ 0.1619, 0.2169,
0.3989

■ 0.0000, 0.0000,
0.0000

■ 56.5052, 60.2225,
68.3205

■ 56.5052, 60.2225,
68.3205

■ 49.9336, 54.6668,
67.5954

■ 63.8926, 66.2903,
69.1033

■ 44.1415, 49.5984,
66.9224

■ 72.1199, 72.8787,
69.9413

■ 39.0973, 45.0017,
66.3010

■ 79.2016, 78.9666,
70.7432

■ 34.7653, 40.8572,
65.7294

■ 80.9047, 82.3729,
71.3109

■ 31.1065, 37.1439,
65.2055

■ 82.6699, 85.9032,
71.8993

■ 28.0782, 33.8385,
64.7271

■ 84.4977, 89.5589,
72.5085

■ 25.6324, 30.9152,
64.2917

■ 86.3888, 93.3411,
73.1389

■ 23.7133, 28.3441,
63.8966

■ 88.3438, 97.2511,
73.7906

■ 22.2534, 26.0893,
63.5383

■ 88.3853, 97.3341,
73.8044

Harmonies

Analogous

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



56.1348, 60.2225, 66.8720



56.5052, 60.2225, 68.3205



57.0743, 60.2225, 69.0353

Triad

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



56.5052, 60.2225, 68.3205



58.4365, 60.2225, 66.0473



56.7899, 60.2225, 62.4384

Complementary

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



56.5052, 60.2225, 68.3205



57.0923, 59.2598, 61.8562

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.



57.4054, 60.2225, 62.2266



56.5052, 60.2225, 68.3205



58.3590, 60.2225, 64.2891

Square

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



56.5052, 60.2225, 68.3205



58.1915, 60.2225, 67.7074



57.9805, 60.2225, 62.8983



56.2983, 60.2225, 63.4821

Rectangle

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



56.5052, 60.2225, 68.3205



57.4910, 60.2225, 68.9907



57.9805, 60.2225, 62.8983



56.9891, 60.2225, 62.2683

Sweetspot

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



56.5069, 60.2251, 68.3218



93.8748, 99.0330, 108.7753



56.3685, 61.3277, 64.0230



20.1055, 21.2073, 23.2837



0.0000, 0.0000, 0.0000



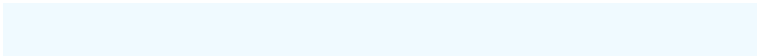
20.3446, 21.4041, 23.3091

Same Dimension

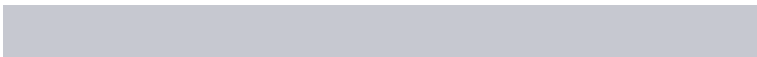
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5069, 60.2251, 68.3218



88.1981, 94.3223, 108.1652



55.3677, 57.9466, 67.9421



12.2677, 13.1379, 15.1329



13.5585, 15.7637, 39.5206



0.8257, 1.0167, 2.2323

Inverse Universe

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



57.2273, 58.2070, 65.9795



89.6323, 90.3319, 103.4958



58.2376, 61.5505, 62.2380



12.4851, 12.5347, 14.4248



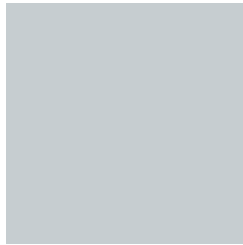
19.4745, 9.6626, 17.9365



1.1230, 0.5539, 1.1827

Previews

White Background



This preview shows how the XYZ color 56.5052, 60.2225, 68.3205 looks on a white background.

Color Contrast Check

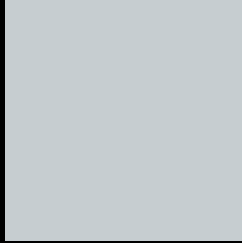
Large Text (above 18pt) WCAG AA × Fail

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 56.5052, 60.2225, 68.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

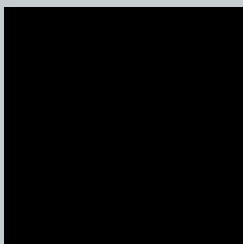
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

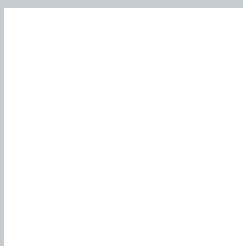
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5052, 60.2225, 68.3205

Background



This preview shows how black text looks on a background with the XYZ color 56.5052, 60.2225, 68.3205.



This preview shows how white text looks on a background with the XYZ color 56.5052, 60.2225,

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

56.5052, 60.2225, 68.3205

Protanopia

58.0720, 60.3387, 67.6173

Deuteranopia

61.4179, 59.9578, 69.3087



Tritanopia

57.9615, 60.1057, 75.5645

Trichromacy



Original Color

56.5052, 60.2225, 68.3205

Protanomaly

57.4840, 60.3872, 67.6577

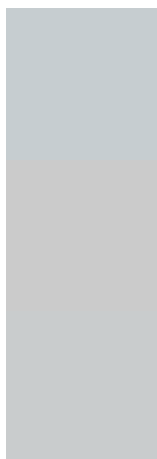
Deuteranomaly

59.6035, 60.0581, 68.7725

Tritanomaly

57.4118, 60.2341, 72.8904

Monochromacy



Original Color

56.5052, 60.2225, 68.3205

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6997, 60.0110, 66.3525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5052, 60.2225, 68.3205 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, 208) looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.5052, 60.2225, 68.3205 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, 208) }
```


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

```
.border{ border-color:rgb(198, 205, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5052, 60.2225, 68.3205 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, 208) }
```

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

```
.background{ background-color: rgb(198,  
205, 208) }
```

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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