

Converting Colors

XYZ(56.9017, 60.9103, 68.5526)

Have a look what the booklet for
XYZ(56.9017, 60.9103, 68.5526)
contains.

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Color

**XYZ(56.7452, 60.7024,
68.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CED0
RGB	198, 206, 208
RGB Percent	78%, 81%, 82%
CMY	0.2235, 0.1921, 0.1843
CMYK	0.05, 0.01, 0.00, 0.18
HSL	192°, 10%, 80%
HSV	192°, 5%, 82%
XYZ	56.7452, 60.7024, 68.4005
YIQ	203.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

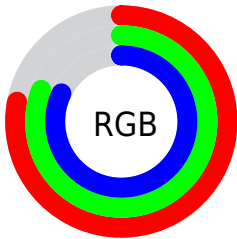
Format	Color
RYP	198, 202, 208
Decimal	13029072
CIELab	82.22, -2.34, -1.95
CIELCh	82, 3.042, 219.784
Yxy	60.7024, 0.3053, 0.3266
Android (android.graphics.Color)	4291219152 (0xFFC6CED0)
YUV	203.8360, 2.0529, -5.1182
Hunter-Lab	77.9117, -6.3392, 2.4862

Details

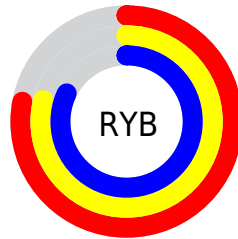
The XYZ color **56.7452, 60.7024, 68.4005** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8601, 58.7954, 61.7789**, and the grayscale version is **57.2823, 60.2654, 65.6290**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5626, 30.7189, 34.9958** is the 20% darker color. If you saturate the color by 10%, you get **50.6483, 56.0961, 67.8337**, and if you desaturate by 10%, it is **63.6249, 65.7549, 69.0141**.

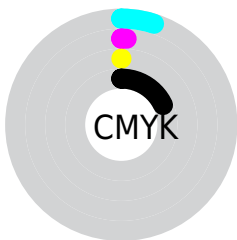
Distribution



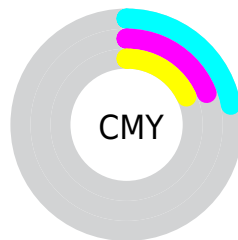
- Red (78%)
- Green (81%)
- Blue (82%)



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



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



- Cyan (22%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7452, 60.7024, 68.4005 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 56.7452, 60.7024, 68.4005 by changing the saturation by 10% instead.

■ 56.7452, 60.7024,
68.4005

■ 56.7452, 60.7024,
68.4005

402.5235,
427.1820, 473.5502

■ 41.0400, 43.9850,
49.7549

99.2268, 105.8479,
118.5845

■ 28.5382, 30.6587,
34.8489

126.7340,
135.0449, 150.9600

■ 18.8743, 20.3391,
23.2639

158.9059,
169.1705, 188.7493

■ 11.6829, 12.6418,
14.5813

196.1078,
208.6091, 232.3708

■ 6.5988, 7.1824,
8.3827

238.7052,
253.7452, 282.2431

■ 3.2566, 3.5764,
4.2496

287.0634,

■ 1.2909, 1.4396,

304.9631, 338.7847

1.7632

341.5477,
362.6472, 402.4143

■ 0.1764, 0.2456,
0.4035

■ 0.0000, 0.0000,
0.0000

■ 56.7452, 60.7024,
68.4005

■ 56.7452, 60.7024,
68.4005

■ 50.6483, 56.0961,
67.8337

■ 63.6249, 65.7549,
69.0141

■ 45.2984, 51.9121,
67.3080

■ 71.3112, 71.2611,
69.6717

■ 40.6644, 48.1357,
66.8234

■ 77.8177, 76.1988,
70.2819

■ 36.7110, 44.7486,
66.3780

■ 78.9115, 78.3863,
70.6465

■ 33.3999, 41.7307,
65.9699

■ 80.0324, 80.6283,
71.0201

■ 30.6889, 39.0597,
65.5973

■ 81.1808, 82.9250,
71.4029

■ 28.5303, 36.7110,
65.2577

■ 82.3567, 85.2769,
71.7949

■ 26.8691, 34.6558,
64.9486

■ 83.5605, 87.6844,
72.1962

■ 25.6384, 32.8592,
64.6667

■ 84.7922, 90.1478,
72.6067

Harmonies

Analogous

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



56.4787, 60.7024, 66.7019



56.7452, 60.7024, 68.4005



57.2670, 60.7024, 69.4942

Triad

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



56.7452, 60.7024, 68.4005



58.8710, 60.7024, 67.3333



57.4847, 60.7024, 62.6458

Complementary

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



56.7452, 60.7024, 68.4005



56.8601, 58.7954, 61.7789

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.



58.1267, 60.7024, 62.8077



56.7452, 60.7024, 68.4005



58.9303, 60.7024, 65.4910

Square

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



56.7452, 60.7024, 68.4005



58.4954, 60.7024, 68.8701



58.6570, 60.7024, 63.8411



56.9035, 60.7024, 63.3946

Rectangle

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



56.7452, 60.7024, 68.4005



57.6911, 60.7024, 69.7214



58.6570, 60.7024, 63.8411



57.7005, 60.7024, 62.5958

Sweetspot

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



56.7469, 60.7050, 68.4018



93.9558, 99.1951, 108.8023



56.2515, 61.2809, 63.4062



20.1220, 21.2403, 23.2892



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

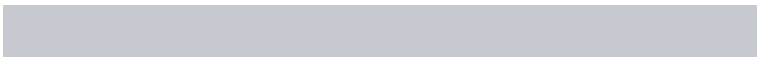
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7469, 60.7050, 68.4018



88.6764, 95.2789, 108.3247



55.6004, 58.4120, 68.0197



12.3403, 13.2829, 15.1571



15.7168, 20.0803, 40.2400



0.9310, 1.2272, 2.2674

Inverse Universe

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



57.3485, 58.2555, 66.6173



89.8738, 90.4285, 104.7671



57.9979, 61.0711, 62.1582



12.5217, 12.5494, 14.6176



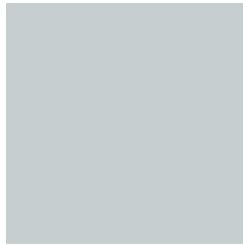
20.5639, 10.0984, 23.6732



1.1762, 0.5752, 1.4625

Previews

White Background



This preview shows how the XYZ color 56.7452, 60.7024, 68.4005 looks on a white background.

Color Contrast Check

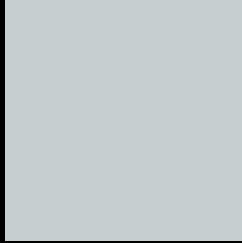
Large Text (above 18pt) WCAG AA × Fail

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 56.7452, 60.7024, 68.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

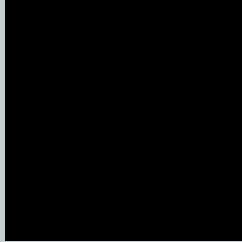
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

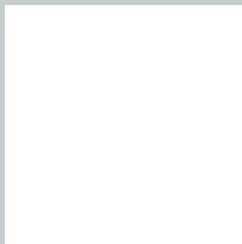
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7452, 60.7024, 68.4005

Background



This preview shows how black text looks on a background with the XYZ color 56.7452, 60.7024, 68.4005.

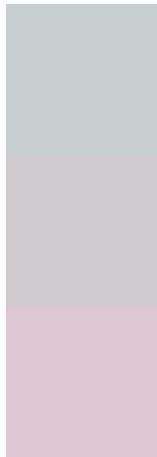


This preview shows how white text looks on a background with the XYZ color 56.7452, 60.7024,

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

56.7452, 60.7024, 68.4005

Protanopia

58.2286, 60.4335, 66.9884

Deuteranopia

61.9511, 60.5709, 69.3989



Tritanopia

58.3306, 60.6324, 76.3390

Trichromacy



Original Color

56.7452, 60.7024, 68.4005

Protanomaly

57.7572, 60.5281, 67.6704

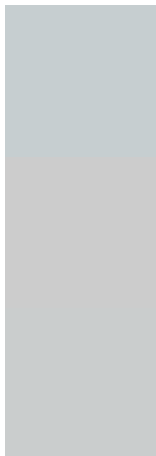
Deuteranomaly

59.8358, 60.5229, 68.8500

Tritanomaly

57.7792, 60.7626, 73.6488

Monochromacy



Original Color

56.7452, 60.7024, 68.4005

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2079, 60.6270, 66.4446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7452, 60.7024, 68.4005 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, 206, 208) looks like.

```
.text, #text, p{  
    color:rgb(198, 206, 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, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 206, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.7452, 60.7024, 68.4005 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, 206, 208) }
```


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

```
.border{ border-color:rgb(198, 206, 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, 206, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(198, 206,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7452, 60.7024, 68.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 206, 208) }
```

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

```
.background{ background-color: rgb(198,  
206, 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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