

Converting Colors

XYZ(56.6778, 60.5805, 71.1119)

Have a look what the booklet for
XYZ(56.6778, 60.5805, 71.1119)
contains.

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Color

**XYZ(56.7199, 60.6318,
71.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CED4
RGB	196, 206, 212
RGB Percent	77%, 81%, 83%
CMY	0.2314, 0.1921, 0.1686
CMYK	0.08, 0.03, 0.00, 0.17
HSL	202°, 16%, 80%
HSV	202°, 8%, 83%
XYZ	56.7199, 60.6318, 71.0010
YIQ	203.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

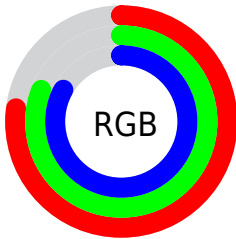
Format	Color
R _Y B	196, 202, 212
Decimal	12898004
CIE Lab	82.18, -2.24, -4.16
CIE LCh	82, 4.720, 241.717
Yxy	60.6318, 0.3011, 0.3219
Android (android.graphics.Color)	4291088084 (0xFFC4CED4)
YUV	203.6940, 4.0949, -6.7476
Hunter-Lab	77.8664, -6.2423, 0.4441

Details

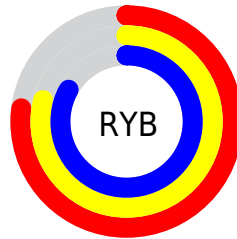
The XYZ color **56.7199, 60.6318, 71.0010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2360, 60.2232, 60.7804**, and the grayscale version is **57.1813, 60.1592, 65.5134**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.4694, 30.6416, 36.3122** is the 20% darker color. If you saturate the color by 10%, you get **49.7260, 54.2595, 70.1406**, and if you desaturate by 10%, it is **64.5932, 67.6043, 71.9328**.

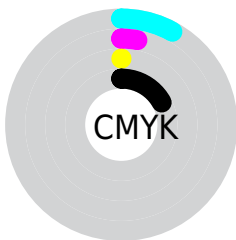
Distribution



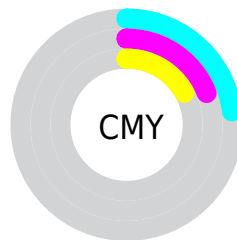
- Red (77%)
- Green (81%)
- Blue (83%)



- Red (77%)
- Yellow (79%)
- Blue (83%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7199, 60.6318, 71.0010 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 56.7199, 60.6318, 71.0010 by changing the saturation by 10% instead.

■ 56.7199, 60.6318,
71.0010

■ 56.7199, 60.6318,
71.0010

402.4301,
426.9227, 482.9407

■ 41.0197, 43.9281,
51.8612

99.1901, 105.7456,
122.3296

■ 28.5222, 30.6140,
36.5130

126.6908,
134.9245, 155.3555

■ 18.8621, 20.3051,
24.5378

158.8556,
169.0306, 193.8471

■ 11.6741, 12.6170,
15.5172

196.0500,
208.4483, 238.2231

■ 6.5928, 7.1653,
9.0325

238.6393,
253.5619, 288.9019

■ 3.2528, 3.5657,
4.6653

286.9888,

■ 1.2888, 1.4337,

304.7560, 346.3020

1.9970

341.4640,
362.4147, 410.8421

■ 0.1748, 0.2414,
0.5534

■ 0.0000, 0.0000,
0.0000

■ 56.7199, 60.6318,
71.0010

■ 56.7199, 60.6318,
71.0010

■ 49.7260, 54.2595,
70.1406

■ 64.5932, 67.6043,
71.9328

■ 43.5724, 48.4603,
69.3455

■ 73.3727, 75.1879,
72.9339

■ 38.2246, 43.2157,
68.6151

■ 81.3768, 82.5195,
73.9271

■ 33.6435, 38.5036,
67.9470

■ 83.6368, 87.0395,
74.6805

■ 29.7866, 34.2997,
67.3389

■ 85.9989, 91.7636,
75.4678

■ 26.6070, 30.5776,
66.7880

■ 88.4643, 96.6944,
76.2896

■ 24.0516, 27.3074,
66.2915

■ 88.8838, 97.5335,
76.4295

■ 22.0583, 24.4548,
65.8459

■ 20.5421, 21.9734,
65.4469

Harmonies

Analogous

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



56.0040, 60.6318, 68.9636



56.7199, 60.6318, 71.0010



57.6865, 60.6318, 71.6927

Triad

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



56.7199, 60.6318, 71.0010



59.5776, 60.6318, 65.8524



56.6210, 60.6318, 61.4308

Complementary

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



56.7199, 60.6318, 71.0010



58.2360, 60.2232, 60.7804

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.



57.5710, 60.6318, 60.6505



56.7199, 60.6318, 71.0010



59.2845, 60.6318, 63.1570

Square

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



56.7199, 60.6318, 71.0010



59.3434, 60.6318, 68.6690



58.5472, 60.6318, 61.2732



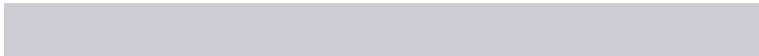
55.9473, 60.6318, 63.4356

Rectangle

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



56.7199, 60.6318, 71.0010



58.3451, 60.6318, 71.2820



58.5472, 60.6318, 61.2732



56.9182, 60.6318, 61.0193

Sweetspot

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



56.7217, 60.6344, 71.0023



92.5917, 97.8320, 108.6111



56.9543, 63.0817, 64.9695



19.8442, 20.9629, 23.2503



0.0000, 0.0000, 0.0000



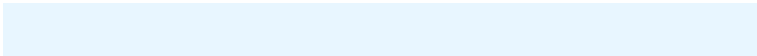
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7217, 60.6344, 71.0023



84.4220, 90.5382, 107.6339



54.8742, 56.9394, 70.3865



12.3829, 13.2892, 15.8499



12.5747, 13.4113, 40.3790



0.8368, 0.9656, 2.4616

Inverse Universe

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



58.0332, 57.9343, 66.5192



86.8064, 85.6797, 99.4722



60.1298, 64.0109, 61.4117



12.7465, 12.5501, 14.6052



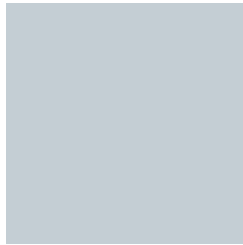
19.4060, 9.6987, 14.7080



1.2100, 0.6008, 1.0953

Previews

White Background



This preview shows how the XYZ color 56.7199, 60.6318, 71.0010 looks on a white background.

Color Contrast Check

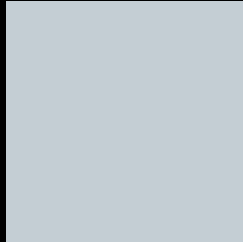
Large Text (above 18pt) WCAG AA × Fail

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 56.7199, 60.6318, 71.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

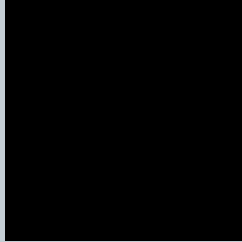
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

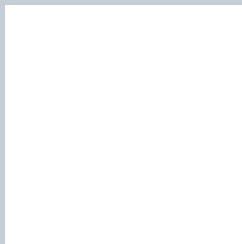
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7199, 60.6318, 71.0010

Background



This preview shows how black text looks on a background with the XYZ color 56.7199, 60.6318, 71.0010.



This preview shows how white text looks on a background with the XYZ color 56.7199, 60.6318,

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

56.7199, 60.6318, 71.0010

Protanopia

58.4424, 60.4868, 69.5676

Deuteranopia

61.8469, 60.4589, 72.0284



Tritanopia

57.9084, 60.7534, 77.0811

Trichromacy



Original Color

56.7199, 60.6318, 71.0010

Protanomaly

57.7079, 60.4454, 70.2536

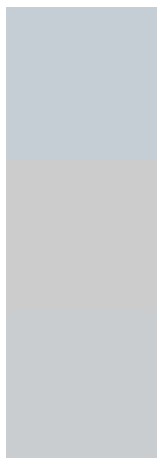
Deuteranomaly

59.7609, 60.4263, 71.4645

Tritanomaly

57.5122, 60.5949, 74.9944

Monochromacy



Original Color

56.7199, 60.6318, 71.0010

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1812, 60.5851, 67.7118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7199, 60.6318, 71.0010 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(196, 206, 212) looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 212)  
}
```

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(196, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 212) }
```

Border

The CSS property to change the border of an element to XYZ 56.7199, 60.6318, 71.0010 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(196, 206, 212) }
```


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

```
.border{ border-color:rgb(196, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7199, 60.6318, 71.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 212) }
```

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

```
.background{ background-color: rgb(196,  
206, 212) }
```

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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