

Converting Colors

XYZ(56.8344, 62.1863, 76.5982)

Have a look what the booklet for
XYZ(56.8344, 62.1863, 76.5982)
contains.

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Color

**XYZ(56.7039, 61.9519,
76.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD2DC
RGB	188, 210, 220
RGB Percent	74%, 82%, 86%
CMY	0.2627, 0.1765, 0.1372
CMYK	0.15, 0.05, 0.00, 0.14
HSL	199°, 31%, 80%
HSV	199°, 15%, 86%
XYZ	56.7039, 61.9519, 76.6794
YIQ	204.5620, -16.3220, -1.5540

Conversions

Conversions Part 2

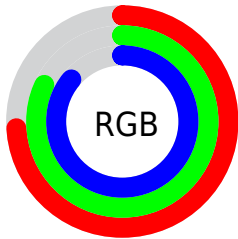
Format	Color
R _Y B	188, 201, 220
Decimal	12374748
CIE Lab	82.89, -5.33, -7.44
CIE LCh	83, 9.151, 234.414
Yxy	61.9519, 0.2903, 0.3172
Android (android.graphics.Color)	4290564828 (0xFFBCD2DC)
YUV	204.5620, 7.6109, -14.5249
Hunter-Lab	78.7095, -9.1467, -2.6641

Details

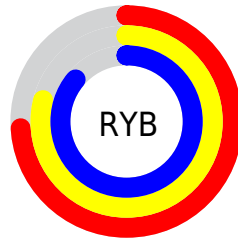
The XYZ color **56.7039, 61.9519, 76.6794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7867, 59.2344, 55.9131**, and the grayscale version is **57.7124, 60.7179, 66.1218**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **28.5115, 31.5619, 40.1866** is the 20% darker color. If you saturate the color by 10%, you get **50.0318, 56.0487, 75.8926**, and if you desaturate by 10%, it is **64.2787, 68.4319, 77.5319**.

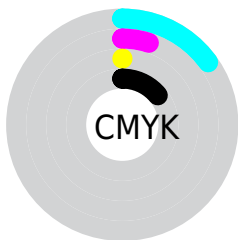
Distribution



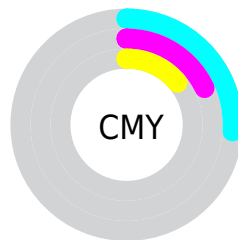
- Red (74%)
- Green (82%)
- Blue (86%)



- Red (74%)
- Yellow (79%)
- Blue (86%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7039, 61.9519, 76.6794 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 56.7039, 61.9519, 76.6794 by changing the saturation by 10% instead.

■ 56.7039, 61.9519,
76.6794

■ 56.7039, 61.9519,
76.6794

402.3710,
431.7556, 503.0788

■ 41.0068, 44.9938,
56.4798

■ 99.1669, 107.6560,
130.4557

■ 28.5121, 31.4526,
40.1812

126.6634,
137.1708, 164.8695

■ 18.8544, 20.9437,
27.3650

158.8238,
171.6401, 204.8584

■ 11.6685, 13.0829,
17.6127

196.0134,
211.4480, 250.8410

■ 6.5890, 7.4856,
10.5057

238.5976,
256.9792, 303.2358

■ 3.2504, 3.7676,
5.6256

286.9417,

■ 1.2875, 1.5444,

308.6179, 362.4613

2.5537

341.4110,
366.7486, 428.9362

■ 0.1739, 0.3197,
0.8684

■ 0.0000, 0.0000,
0.0000

■ 56.7039, 61.9519,
76.6794

■ 56.7039, 61.9519,
76.6794

■ 50.0318, 56.0487,
75.8926

■ 64.2787, 68.4319,
77.5319

■ 44.2187, 50.6935,
75.1653

■ 72.7865, 75.5009,
78.4479

■ 39.2254, 45.8665,
74.4968

■ 82.2630, 83.1799,
79.4307

■ 35.0073, 41.5431,
73.8846

■ 84.5866, 87.2836,
80.1003

■ 31.5153, 37.6968,
73.3263

■ 86.6204, 91.3512,
80.7783

■ 28.6941, 34.2975,
72.8188

■ 88.7314, 95.5732,
81.4819

■ 26.4798, 31.3108,
72.3590

■ 89.9184, 97.9474,
81.8776

■ 24.7949, 28.6953,
71.9430

■ 24.0289, 27.3882,
71.7311

Harmonies

Analogous

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



55.4971, 61.9519, 72.0448



56.7039, 61.9519, 76.6794



58.5150, 61.9519, 78.8529

Triad

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



56.7039, 61.9519, 76.6794



62.7392, 61.9519, 68.5179



57.3297, 61.9519, 58.0402

Complementary

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



56.7039, 61.9519, 76.6794



58.7867, 59.2344, 55.9131

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.



59.2534, 61.9519, 57.2122



56.7039, 61.9519, 76.6794



62.4048, 61.9519, 63.0645

Square

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



56.7039, 61.9519, 76.6794



62.0219, 61.9519, 73.9752



61.1181, 61.9519, 59.0019



55.8527, 61.9519, 61.3298

Rectangle

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



56.7039, 61.9519, 76.6794



59.8326, 61.9519, 78.5311



61.1181, 61.9519, 59.0019



57.9444, 61.9519, 57.4728

Sweetspot

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



56.7057, 61.9545, 76.6808



90.3883, 96.1002, 108.3930



56.4803, 65.9376, 62.9360



19.1643, 20.4157, 23.1805



0.0000, 0.0000, 0.0000



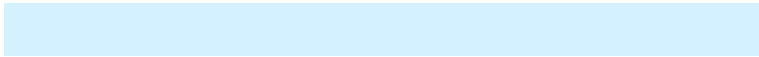
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7057, 61.9545, 76.6808



76.6914, 84.3467, 106.8462



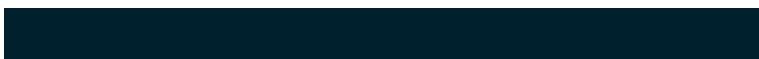
53.0393, 54.6217, 75.4587



13.0839, 14.1075, 16.6856



14.2057, 16.2809, 42.1322



0.9959, 1.2060, 2.7547

Inverse Universe

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



59.1327, 55.8365, 68.6367



80.6417, 74.5504, 93.7170



62.5388, 66.7384, 57.1638



13.4322, 13.2020, 15.5372



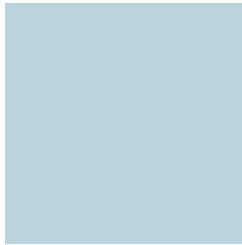
20.6657, 10.2673, 18.4176



1.3770, 0.6804, 1.3942

Previews

White Background



This preview shows how the XYZ color 56.7039, 61.9519, 76.6794 looks on a white background.

Color Contrast Check

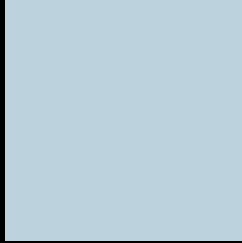
Large Text (above 18pt) WCAG AA × Fail

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 56.7039, 61.9519, 76.6794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

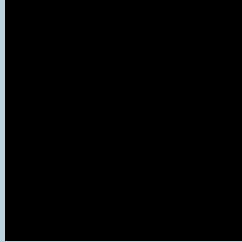
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

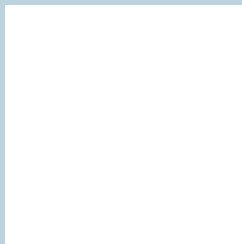
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7039, 61.9519, 76.6794

Background



This preview shows how black text looks on a background with the XYZ color 56.7039, 61.9519, 76.6794.

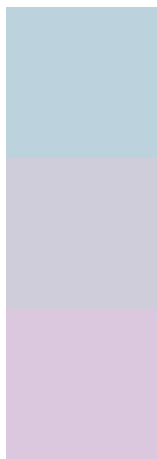


This preview shows how white text looks on a background with the XYZ color 56.7039, 61.9519,

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

56.7039, 61.9519, 76.6794

Protanopia

60.0878, 61.9378, 74.4339

Deuteranopia

63.0525, 61.6425, 77.6822



Tritanopia

57.5142, 61.9107, 80.8701

Trichromacy



Original Color

56.7039, 61.9519, 76.6794

Protanomaly

58.7871, 61.9670, 75.1921

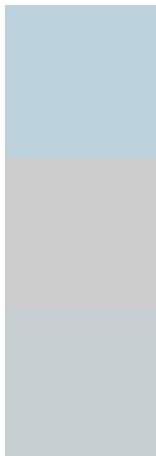
Deuteranomaly

60.6564, 61.8161, 77.1414

Tritanomaly

57.2413, 61.8016, 79.4330

Monochromacy



Original Color

56.7039, 61.9519, 76.6794

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4989, 61.4209, 69.7977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7039, 61.9519, 76.6794 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(188, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 210, 220)  
}
```

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(188, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 210, 220) }
```

Border

The CSS property to change the border of an element to XYZ 56.7039, 61.9519, 76.6794 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(188, 210, 220) }
```


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

```
.border{ border-color:rgb(188, 210, 220) }
```

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

Here you see how a box with a 4 pixel rgb(188, 210, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 210,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7039, 61.9519, 76.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 210, 220) }
```

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

```
.background{ background-color: rgb(188,  
210, 220) }
```

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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