

Converting Colors

XYZ(56.7012, 61.7339, 77.3340)

Have a look what the booklet for
XYZ(56.7012, 61.7339, 77.3340)
contains.

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Color

**XYZ(56.5906, 61.5128,
77.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD1DD
RGB	188, 209, 221
RGB Percent	74%, 82%, 87%
CMY	0.2627, 0.1804, 0.1333
CMYK	0.15, 0.05, 0.00, 0.13
HSL	202°, 33%, 80%
HSV	202°, 15%, 87%
XYZ	56.5906, 61.5128, 77.2971
YIQ	204.0890, -16.3680, -0.7200

Conversions

Conversions Part 2

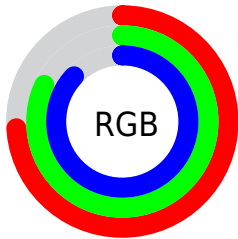
Format	Color
RYB	188, 201, 221
Decimal	12374493
CIELab	82.65, -4.60, -8.32
CIELCh	83, 9.507, 241.089
Yxy	61.5128, 0.2896, 0.3148
Android (android.graphics.Color)	4290564573 (0xFFBCD1DD)
YUV	204.0890, 8.3371, -14.1101
Hunter-Lab	78.4301, -8.4574, -3.5324

Details

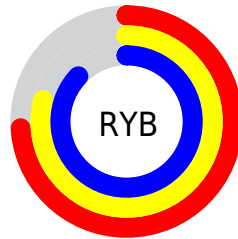
The XYZ color **56.5906, 61.5128, 77.2971** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5504, 60.3111, 56.0805**, and the grayscale version is **57.4086, 60.3983, 65.7738**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **28.4358, 31.2642, 40.6123** is the 20% darker color. If you saturate the color by 10%, you get **49.6363, 55.0764, 76.4223**, and if you desaturate by 10%, it is **64.4816, 68.5829, 78.2469**.

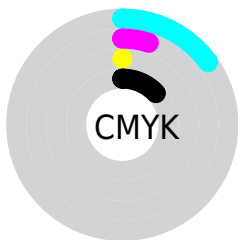
Distribution



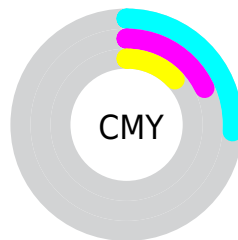
- Red (74%)
- Green (82%)
- Blue (87%)



- Red (74%)
- Yellow (79%)
- Blue (87%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5906, 61.5128, 77.2971 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 56.5906, 61.5128, 77.2971 by changing the saturation by 10% instead.

■ 56.5906, 61.5128,
77.2971

■ 56.5906, 61.5128,
77.2971

401.9525,
430.1517, 505.2409

■ 40.9155, 44.6391,
56.9837

■ 99.0024, 107.0211,
131.3356

■ 28.4404, 31.1733,
40.5829

126.4698,
136.4245, 165.8979

■ 18.8001, 20.7308,
27.6761

158.5986,
170.7733, 206.0468

■ 11.6291, 12.9274,
17.8447

195.7543,
210.4519, 252.2010

■ 6.5620, 7.3786,
10.6703

238.3022,
255.8446, 304.7789

■ 3.2336, 3.7000,
5.7342

286.6076,

■ 1.2785, 1.5072,

307.3359, 364.1992

2.6180

341.0359,
365.3101, 430.8804

■ 0.1670, 0.2938,
0.9017

■ 0.0000, 0.0000,
0.0000

■ 56.5906, 61.5128,
77.2971

■ 56.5906, 61.5128,
77.2971

■ 49.6363, 55.0764,
76.4223

■ 64.4816, 68.5829,
78.2469

■ 43.5741, 49.2437,
75.6159

■ 73.3407, 76.3002,
79.2695

■ 38.3636, 43.9932,
74.8771

■ 83.2044, 84.6871,
80.3685

■ 33.9588, 39.2992,
74.2032

■ 85.7886, 89.4751,
81.1564

■ 30.3095, 35.1332,
73.5915

■ 88.2215, 94.3408,
81.9674

■ 27.3587, 31.4637,
73.0387

■ 90.0513, 98.0005,
82.5773

■ 25.0410, 28.2544,
72.5414

■ 23.2763, 25.4616,
72.0954

■ 22.5259, 24.1698,
71.8856

Harmonies

Analogous

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



55.1717, 61.5128, 72.9452



56.5906, 61.5128, 77.2971



58.5406, 61.5128, 78.8451

Triad

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



56.5906, 61.5128, 77.2971



62.4752, 61.5128, 66.7638



56.4644, 61.5128, 57.8121

Complementary

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



56.5906, 61.5128, 77.2971



59.5504, 60.3111, 56.0805

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.



58.3916, 61.5128, 56.3639



56.5906, 61.5128, 77.2971



61.8891, 61.5128, 61.3435

Square

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



56.5906, 61.5128, 77.2971



61.9665, 61.5128, 72.5547



60.3825, 61.5128, 57.6189



55.1000, 61.5128, 61.6927

Rectangle

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



56.5906, 61.5128, 77.2971



59.8885, 61.5128, 78.0117



60.3825, 61.5128, 57.6189



57.0664, 61.5128, 57.0352

Sweetspot

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



56.5924, 61.5153, 77.2985



90.2249, 95.7734, 108.3385



56.9693, 66.5544, 64.2129



19.1229, 20.3328, 23.1667



0.0000, 0.0000, 0.0000



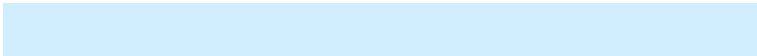
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5924, 61.5153, 77.2985



75.0387, 82.1217, 106.5039



52.8501, 54.0307, 76.0510



13.0261, 13.9920, 16.6663



13.1967, 14.2628, 41.7959



0.9358, 1.0857, 2.7347

Inverse Universe

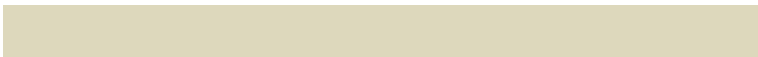
The Inverse Universe completely reimagines the original color for something new.



59.3120, 55.9432, 67.9967



79.5437, 73.1015, 91.0482



63.4655, 68.1414, 57.3855



13.4031, 13.1903, 15.3837



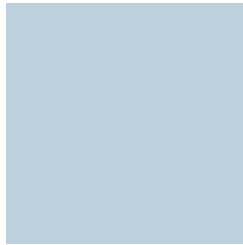
20.1564, 10.0636, 15.7356



1.3466, 0.6683, 1.2343

Previews

White Background



This preview shows how the XYZ color 56.5906, 61.5128, 77.2971 looks on a white background.

Color Contrast Check

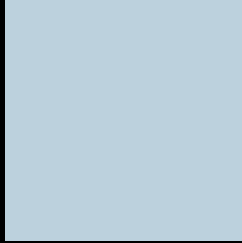
Large Text (above 18pt) WCAG AA × Fail

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 56.5906, 61.5128, 77.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

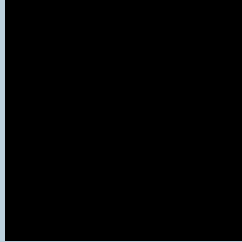
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

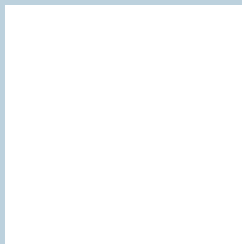
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5906, 61.5128, 77.2971

Background



This preview shows how black text looks on a background with the XYZ color 56.5906, 61.5128, 77.2971.

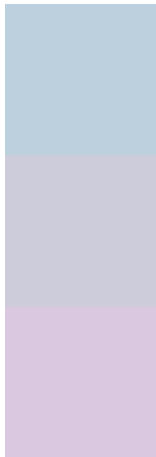


This preview shows how white text looks on a background with the XYZ color 56.5906, 61.5128,

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

56.5906, 61.5128, 77.2971

Protanopia

59.4246, 61.2268, 75.0156

Deuteranopia

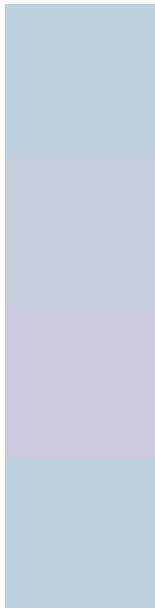
62.5888, 61.3880, 78.3623



Tritanopia

57.1327, 61.3668, 80.0679

Trichromacy



Original Color

56.5906, 61.5128, 77.2971

Protanomaly

58.4107, 61.3992, 75.7905

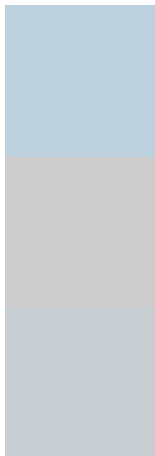
Deuteranomaly

59.9944, 61.1076, 77.7401

Tritanomaly

56.9967, 61.3124, 79.3514

Monochromacy



Original Color

56.5906, 61.5128, 77.2971

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9929, 60.8015, 69.7048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5906, 61.5128, 77.2971 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, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(188, 209, 221)  
}
```

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, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 209, 221) }
```

Border

The CSS property to change the border of an element to XYZ 56.5906, 61.5128, 77.2971 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, 209, 221) }
```


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

```
.border{ border-color:rgb(188, 209, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 209, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(188, 209,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5906, 61.5128, 77.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 209, 221) }
```

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

```
.background{ background-color: rgb(188,  
209, 221) }
```

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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