

Converting Colors

XYZ(57.1015, 61.7706, 78.0416)

Have a look what the booklet for
XYZ(57.1015, 61.7706, 78.0416)
contains.

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Color

**XYZ(56.9715, 61.6937,
78.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD1DE
RGB	189, 209, 222
RGB Percent	74%, 82%, 87%
CMY	0.2588, 0.1804, 0.1294
CMYK	0.15, 0.06, 0.00, 0.13
HSL	204°, 33%, 81%
HSV	204°, 15%, 87%
XYZ	56.9715, 61.6937, 78.0126
YIQ	204.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

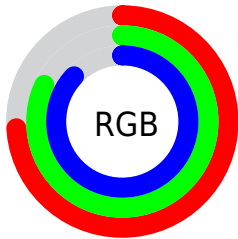
Format	Color
RYB	189, 201, 222
Decimal	12440030
CIELab	82.75, -4.07, -8.70
CIELCh	83, 9.610, 244.934
Yxy	61.6937, 0.2897, 0.3137
Android (android.graphics.Color)	4290630110 (0xFFBDD1DE)
YUV	204.5020, 8.6265, -13.5953
Hunter-Lab	78.5453, -7.9825, -3.9061

Details

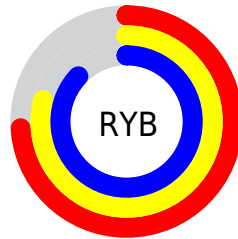
The XYZ color **56.9715, 61.6937, 78.0126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4303, 61.4444, 56.8201**, and the grayscale version is **57.6680, 60.6712, 66.0710**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.6881, 31.3836, 41.1048** is the 20% darker color. If you saturate the color by 10%, you get **49.7943, 54.8976, 77.0801**, and if you desaturate by 10%, it is **65.1130, 69.1650, 79.0266**.

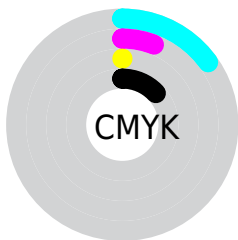
Distribution



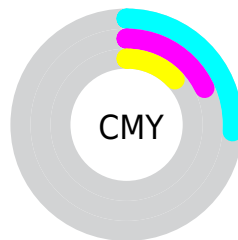
- Red (74%)
- Green (82%)
- Blue (87%)



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



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9715, 61.6937, 78.0126 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 56.9715, 61.6937, 78.0126 by changing the saturation by 10% instead.

■ 56.9715, 61.6937,
78.0126

■ 56.9715, 61.6937,
78.0126

403.3584,
430.8129, 507.7387

■ 41.2224, 44.7852,
57.5678

■ 99.5552, 107.2827,
132.3539

■ 28.6813, 31.2883,
41.0489

127.1205,
136.7321, 167.0875

■ 18.9830, 20.8185,
28.0373

159.3553,
171.1305, 207.4212

■ 11.7619, 12.9914,
18.1145

196.6249,
210.8625, 253.7734

■ 6.6528, 7.4226,
10.8619

239.2946,
256.3123, 306.5627

■ 3.2903, 3.7278,
5.8611

287.7299,

■ 1.3091, 1.5225,

307.8644, 366.2077

2.6934

342.2960,
365.9031, 433.1268

■ 0.1900, 0.3045,
0.9401

■ 0.0000, 0.0000,
0.0000

■ 56.9715, 61.6937,
78.0126

■ 56.9715, 61.6937,
78.0126

■ 49.7943, 54.8976,
77.0801

■ 65.1130, 69.1650,
79.0266

■ 43.5359, 48.7455,
76.2225

■ 74.2509, 77.3258,
80.1202

■ 38.1550, 43.2149,
75.4386

■ 84.2006, 86.0853,
81.2865

■ 33.6049, 38.2789,
74.7256

■ 86.7692, 91.2223,
82.1427

■ 29.8340, 33.9079,
74.0807

■ 89.4625, 96.6090,
83.0405

■ 26.7848, 30.0690,
73.5004

■ 90.1850, 98.0540,
83.2813

■ 24.3903, 26.7247,
72.9811

■ 22.5693, 23.8297,
72.5183

■ 21.7887, 22.4814,
72.2992

Harmonies

Analogous

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



55.4420, 61.6937, 73.9000



56.9715, 61.6937, 78.0126



58.9803, 61.6937, 79.1551

Triad

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



56.9715, 61.6937, 78.0126



62.6845, 61.6937, 66.2004



56.3930, 61.6937, 58.2742

Complementary

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



56.9715, 61.6937, 78.0126



60.4303, 61.4444, 56.8201

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.



58.2971, 61.6937, 56.4673



56.9715, 61.6937, 78.0126



61.9545, 61.6937, 60.8689

Square

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



56.9715, 61.6937, 78.0126



62.3096, 61.6937, 72.1088



60.3367, 61.6937, 57.3888



55.1136, 61.6937, 62.4696

Rectangle

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



56.9715, 61.6937, 78.0126



60.3283, 61.6937, 78.0248



60.3367, 61.6937, 57.3888



56.9796, 61.6937, 57.3789

Sweetspot

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



56.9733, 61.6963, 78.0140



90.1282, 95.5801, 108.3063



57.7278, 67.3101, 65.6107



19.0984, 20.2839, 23.1585



0.0000, 0.0000, 0.0000



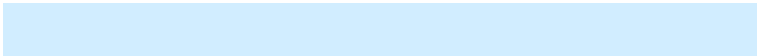
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9733, 61.6963, 78.0140



74.6345, 81.3134, 106.3691



53.2089, 54.1675, 76.7592



13.6399, 14.6189, 17.4905



13.0531, 13.5758, 42.9808



0.9913, 1.1140, 3.0080

Inverse Universe

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



59.8318, 56.5295, 68.0824



79.3397, 73.0199, 89.9740



64.4208, 69.4254, 58.1502



14.0544, 13.8394, 16.0569



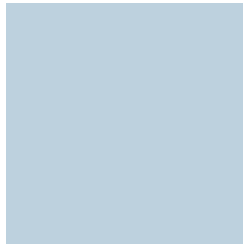
20.5288, 10.2785, 14.7163



1.4666, 0.7299, 1.2500

Previews

White Background



This preview shows how the XYZ color 56.9715, 61.6937, 78.0126 looks on a white background.

Color Contrast Check

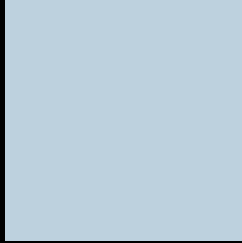
Large Text (above 18pt) WCAG AA × Fail

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 56.9715, 61.6937, 78.0126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

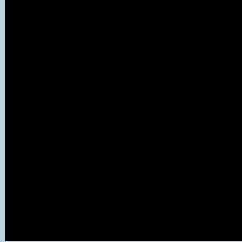
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

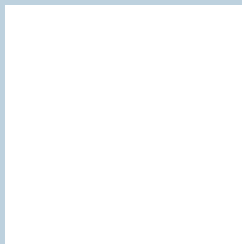
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9715, 61.6937, 78.0126

Background



This preview shows how black text looks on a background with the XYZ color 56.9715, 61.6937, 78.0126.

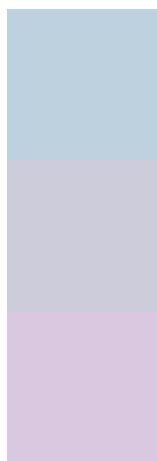


This preview shows how white text looks on a background with the XYZ color 56.9715, 61.6937,

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

56.9715, 61.6937, 78.0126

Protanopia

59.5559, 61.2793, 75.7070

Deuteranopia

62.7241, 61.4421, 79.0746



Tritanopia

57.6263, 61.9843, 80.1611

Trichromacy



Original Color

56.9715, 61.6937, 78.0126

Protanomaly

58.5428, 61.4520, 76.4860

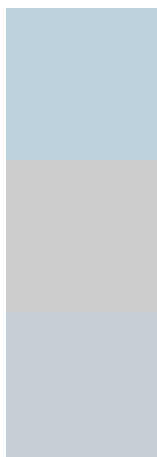
Deuteranomaly

60.4073, 61.3050, 78.4613

Tritanomaly

57.4902, 61.9299, 79.4446

Monochromacy



Original Color

56.9715, 61.6937, 78.0126

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3824, 60.9879, 70.3755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9715, 61.6937, 78.0126 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(189, 209, 222) looks like.

```
.text, #text, p{  
    color:rgb(189, 209, 222)  
}
```

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(189, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 209, 222) }
```

Border

The CSS property to change the border of an element to XYZ 56.9715, 61.6937, 78.0126 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(189, 209, 222) }
```


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

```
.border{ border-color:rgb(189, 209, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 209, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(189, 209,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9715, 61.6937, 78.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 209, 222) }
```

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

```
.background{ background-color: rgb(189,  
209, 222) }
```

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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