

Converting Colors

XYZ(56.1307, 61.1611, 78.2241)

Have a look what the booklet for
XYZ(56.1307, 61.1611, 78.2241)
contains.

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Color

**XYZ(56.2350, 61.3140,
77.9781)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD1DE
RGB	186, 209, 222
RGB Percent	73%, 82%, 87%
CMY	0.2706, 0.1804, 0.1294
CMYK	0.16, 0.06, 0.00, 0.13
HSL	202°, 35%, 80%
HSV	202°, 16%, 87%
XYZ	56.2350, 61.3140, 77.9781
YIQ	203.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

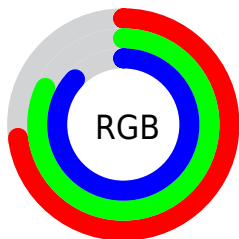
Format	Color
R _{YB}	186, 200, 222
Decimal	12243422
CIE Lab	82.55, -5.02, -9.03
CIE LCh	83, 10.330, 240.921
Yxy	61.3140, 0.2876, 0.3136
Android (android.graphics.Color)	4290433502 (0xFFBAD1DE)
YUV	203.6050, 9.0687, -15.4396
Hunter-Lab	78.3033, -8.8375, -4.2315

Details

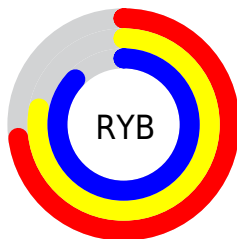
The XYZ color **56.2350, 61.3140, 77.9781** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4110, 59.9215, 54.8903**, and the grayscale version is **57.0995, 60.0731, 65.4196**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.2121, 31.1382, 41.0826** is the 20% darker color. If you saturate the color by 10%, you get **49.3382, 54.9139, 77.1072**, and if you desaturate by 10%, it is **64.0722, 68.3490, 78.9239**.

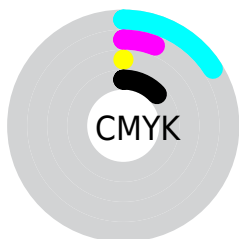
Distribution



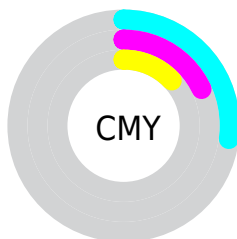
- Red (73%)
- Green (82%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2350, 61.3140, 77.9781 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 56.2350, 61.3140, 77.9781 by changing the saturation by 10% instead.

■ 56.2350, 61.3140,
77.9781

■ 56.2350, 61.3140,
77.9781

400.6372,
429.4244, 507.6184

■ 40.6291, 44.4786,
57.5396

■ 98.4859, 106.7335,
132.3048

■ 28.2158, 31.0470,
41.0264

125.8616,
136.0863, 167.0302

■ 18.6297, 20.6346,
28.0199

157.8913,
170.3805, 207.3550

■ 11.5054, 12.8572,
18.1015

194.9404,
210.0003, 253.6976

■ 6.4776, 7.3303,
10.8527

237.3742,
255.3302, 306.4768

■ 3.1810, 3.6695,
5.8549

285.5580,

■ 1.2502, 1.4905,

306.7546, 366.1109

2.6897

339.8572,
364.6579, 433.0186

■ 0.1455, 0.2820,
0.9382

■ 0.0000, 0.0000,
0.0000

■ 56.2350, 61.3140,
77.9781

■ 56.2350, 61.3140,
77.9781

■ 49.3382, 54.9139,
77.1072

■ 64.0722, 68.3490,
78.9239

■ 43.3365, 49.1184,
76.3049

■ 72.8820, 76.0327,
79.9427

■ 38.1885, 43.9055,
75.5701

■ 82.7014, 84.3879,
81.0379

■ 33.8475, 39.2489,
74.9000

■ 85.8993, 89.4827,
81.8527

■ 30.2617, 35.1197,
74.2920

■ 88.3252, 94.3344,
82.6613

■ 27.3728, 31.4855,
73.7428

■ 90.1850, 98.0540,
83.2813

■ 25.1130, 28.3089,
73.2488

■ 23.3980, 25.5439,
72.8055

■ 22.8360, 24.5760,
72.6482

Harmonies

Analogous

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



54.7051, 61.3140, 73.2153



56.2350, 61.3140, 77.9781



58.3455, 61.3140, 79.6911

Triad

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



56.2350, 61.3140, 77.9781



62.6326, 61.3140, 66.5649



56.1195, 61.3140, 56.8496

Complementary

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



56.2350, 61.3140, 77.9781



59.4110, 59.9215, 54.8903

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.



58.2088, 61.3140, 55.3103



56.2350, 61.3140, 77.9781



62.0013, 61.3140, 60.6967

Square

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



56.2350, 61.3140, 77.9781



62.0726, 61.3140, 72.8553



60.3681, 61.3140, 56.6739



54.6396, 61.3140, 61.0155

Rectangle

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



56.2350, 61.3140, 77.9781



59.8086, 61.3140, 78.7929



60.3681, 61.3140, 56.6739



56.7720, 61.3140, 56.0201

Sweetspot

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



56.2368, 61.3165, 77.9795



89.0629, 94.7596, 108.2041



56.6345, 66.7877, 63.6972



18.8889, 20.1287, 23.1396



0.0000, 0.0000, 0.0000



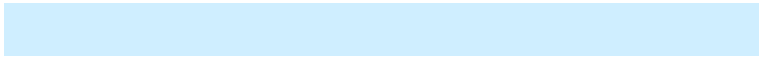
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2368, 61.3165, 77.9795



74.0881, 81.2837, 106.3922



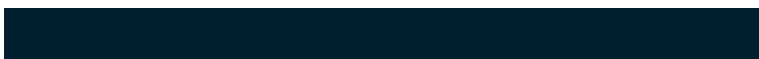
52.1538, 53.1506, 76.6185



13.6787, 14.6965, 17.5034



13.6729, 14.8153, 43.1874



1.0317, 1.1949, 3.0215

Inverse Universe

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



59.1932, 55.2522, 67.8695



78.8044, 71.8121, 90.2182



63.6980, 68.4956, 56.3193



14.0740, 13.8472, 16.1600



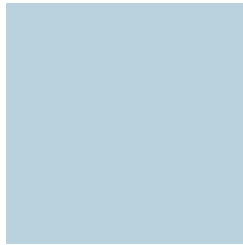
20.8416, 10.4037, 16.3637



1.4870, 0.7381, 1.3575

Previews

White Background



This preview shows how the XYZ color 56.2350, 61.3140, 77.9781 looks on a white background.

Color Contrast Check

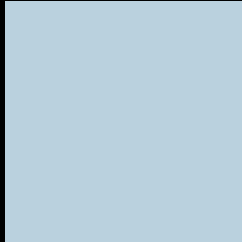
Large Text (above 18pt) WCAG AA × Fail

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 56.2350, 61.3140, 77.9781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

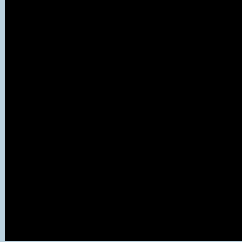
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

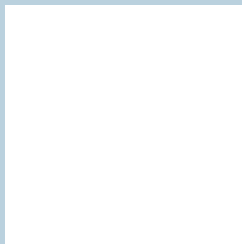
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2350, 61.3140, 77.9781

Background



This preview shows how black text looks on a background with the XYZ color 56.2350, 61.3140, 77.9781.

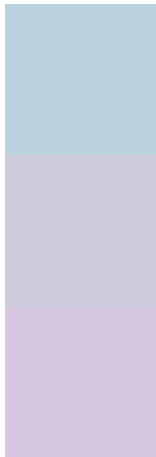


This preview shows how white text looks on a background with the XYZ color 56.2350, 61.3140,

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

56.2350, 61.3140, 77.9781

Protanopia

59.5559, 61.2793, 75.7070

Deuteranopia

62.1969, 60.8276, 78.9838



Tritanopia

56.8846, 61.6020, 80.1264

Trichromacy



Original Color

56.2350, 61.3140, 77.9781

Protanomaly

58.2783, 61.3157, 76.4737

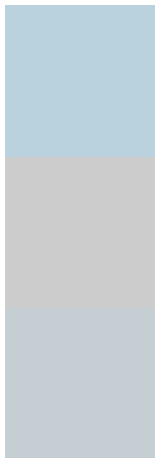
Deuteranomaly

59.8521, 61.0187, 78.4353

Tritanomaly

56.7485, 61.5475, 79.4099

Monochromacy



Original Color

56.2350, 61.3140, 77.9781

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.8551, 60.7161, 70.3508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2350, 61.3140, 77.9781 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(186, 209, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 222) }
```

Border

The CSS property to change the border of an element to XYZ 56.2350, 61.3140, 77.9781 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(186, 209, 222) }
```


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

```
.border{ border-color:rgb(186, 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(186, 209, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2350, 61.3140, 77.9781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 209, 222) }
```

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

```
.background{ background-color: rgb(186,  
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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