

Converting Colors

XYZ(56.0373, 61.4542, 80.7571)

Have a look what the booklet for
XYZ(56.0373, 61.4542, 80.7571)
contains.

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Color

**XYZ(56.0655, 61.5293,
80.8729)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D2E2
RGB	182, 210, 226
RGB Percent	71%, 82%, 89%
CMY	0.2863, 0.1765, 0.1137
CMYK	0.19, 0.07, 0.00, 0.11
HSL	202°, 43%, 80%
HSV	202°, 19%, 89%
XYZ	56.0655, 61.5293, 80.8729
YIQ	203.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

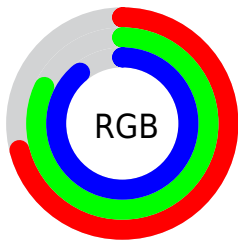
Format	Color
RYB	182, 199, 226
Decimal	11981538
CIELab	82.66, -5.94, -11.02
CIELCh	83, 12.516, 241.670
Yxy	61.5293, 0.2825, 0.3100
Android (android.graphics.Color)	4290171618 (0xFFB6D2E2)
YUV	203.4520, 11.1162, -18.8134
Hunter-Lab	78.4406, -9.6880, -6.2200

Details

The XYZ color **56.0655, 61.5293, 80.8729** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0022, 59.9344, 52.6633**, and the grayscale version is **56.9925, 59.9605, 65.2970**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.1412, 31.3064, 43.0876** is the 20% darker color. If you saturate the color by 10%, you get **49.1764, 55.0446, 79.9853**, and if you desaturate by 10%, it is **63.9238, 68.6714, 81.8383**.

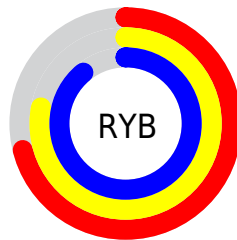
Distribution



Red (71%)

Green (82%)

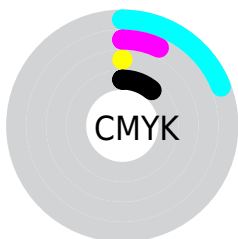
Blue (89%)



Red (71%)

Yellow (78%)

Blue (89%)

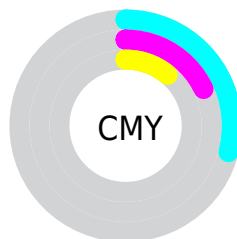


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0655, 61.5293, 80.8729 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 56.0655, 61.5293, 80.8729 by changing the saturation by 10% instead.

■ 56.0655, 61.5293,
80.8729

■ 56.0655, 61.5293,
80.8729

400.0093,
430.2121, 517.6539

■ 40.4926, 44.6525,
59.9065

■ 98.2396, 107.0449,
136.4148

■ 28.1088, 31.1838,
42.9185

125.5715,
136.4526, 171.8273

■ 18.5486, 20.7388,
29.4902

157.5539,
170.8059, 212.8924

■ 11.4466, 12.9332,
19.2032

194.5520,
210.4893, 260.0285

■ 6.4376, 7.3826,
11.6389

236.9313,
255.8873, 313.6541

■ 3.1561, 3.7025,
6.3788

285.0570,

■ 1.2368, 1.5086,

307.3841, 374.1879

3.0043

339.2946,
365.3642, 442.0483

■ 0.1352, 0.2948,
1.0968

■ 0.0000, 0.0000,
0.0000

■ 56.0655, 61.5293,
80.8729

■ 56.0655, 61.5293,
80.8729

■ 49.1764, 55.0446,
79.9853

■ 63.9238, 68.6714,
81.8383

■ 43.2082, 49.1855,
79.1690

■ 72.7859, 76.4863,
82.8796

■ 38.1165, 43.9282,
78.4226

■ 82.6911, 84.9980,
84.0005

■ 33.8508, 39.2443,
77.7433

■ 86.9799, 90.7756,
84.8896

■ 30.3551, 35.1025,
77.1281

■ 89.4926, 95.8009,
85.7272

■ 27.5656, 31.4674,
76.5735

■ 90.7277, 98.2711,
86.1389

■ 25.4070, 28.2975,
76.0754

■ 23.7568, 25.5270,
75.6276

■ 23.6756, 25.3869,
75.6048

Harmonies

Analogous

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



54.1963, 61.5293, 75.0628



56.0655, 61.5293, 80.8729



58.6324, 61.5293, 82.8903

Triad

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



56.0655, 61.5293, 80.8729



63.7964, 61.5293, 66.5649



55.8124, 61.5293, 55.1809

Complementary

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



56.0655, 61.5293, 80.8729



60.0022, 59.9344, 52.6633

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.



58.3314, 61.5293, 53.2738



56.0655, 61.5293, 80.8729



62.9873, 61.5293, 59.5270

Square

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



56.0655, 61.5293, 80.8729



63.1456, 61.5293, 74.2603



60.9665, 61.5293, 54.8030



54.0534, 61.5293, 60.2196

Rectangle

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



56.0655, 61.5293, 80.8729



60.4092, 61.5293, 81.6988



60.9665, 61.5293, 54.8030



56.5957, 61.5293, 54.1705

Sweetspot

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



56.0673, 61.5318, 80.8743



87.8944, 93.7148, 108.0640



56.6129, 68.3885, 63.2817



18.6526, 19.9166, 23.1111



0.0000, 0.0000, 0.0000



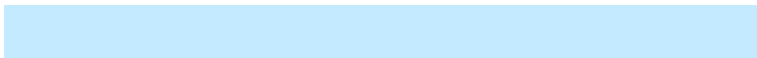
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0673, 61.5318, 80.8743



70.2368, 77.6642, 105.8966



51.1318, 51.6608, 79.2291



13.6757, 14.6905, 17.5024



13.6233, 14.7162, 43.1709



1.0285, 1.1885, 3.0204

Inverse Universe

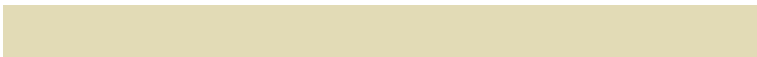
The Inverse Universe completely reimagines the original color for something new.



59.7263, 54.2793, 68.3047



75.8638, 66.8199, 86.4973



65.2446, 70.4193, 54.4108



14.0725, 13.8466, 16.1520



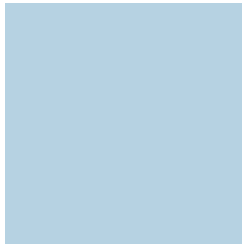
20.8166, 10.3937, 16.2320



1.4854, 0.7374, 1.3490

Previews

White Background



This preview shows how the XYZ color 56.0655, 61.5293, 80.8729 looks on a white background.

Color Contrast Check

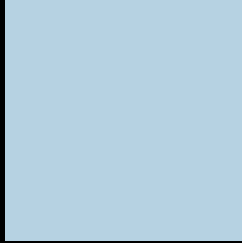
Large Text (above 18pt) WCAG AA × Fail

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 56.0655, 61.5293, 80.8729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

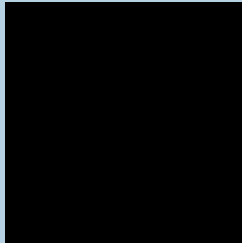
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

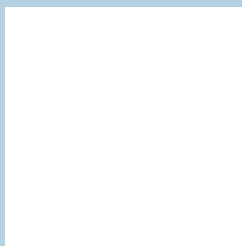
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0655, 61.5293, 80.8729

Background



This preview shows how black text looks on a background with the XYZ color 56.0655, 61.5293, 80.8729.



This preview shows how white text looks on a background with the XYZ color 56.0655, 61.5293,

80.8729.

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

56.0655, 61.5293, 80.8729

Protanopia

59.6795, 61.2970, 77.7933

Deuteranopia

62.6822, 61.3571, 81.9382



Tritanopia

56.2031, 61.5843, 81.5978

Trichromacy



Original Color

56.0655, 61.5293, 80.8729

Protanomaly

58.1555, 61.2061, 78.5609

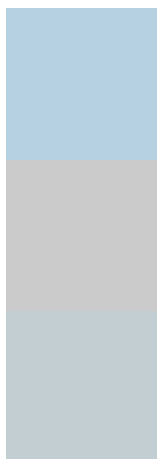
Deuteranomaly

60.0866, 61.4283, 81.3630

Tritanomaly

56.2031, 61.5843, 81.5978

Monochromacy



Original Color

56.0655, 61.5293, 80.8729

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3349, 60.4479, 70.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0655, 61.5293, 80.8729 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(182, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 210, 226)  
}
```

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(182, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 210, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.0655, 61.5293, 80.8729 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(182, 210, 226) }
```


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

```
.border{ border-color:rgb(182, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 210,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0655, 61.5293, 80.8729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 210, 226) }
```

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

```
.background{ background-color: rgb(182,  
210, 226) }
```

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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