

Converting Colors

XYZ(56.0510, 61.5967, 79.9172)

Have a look what the booklet for
XYZ(56.0510, 61.5967, 79.9172)
contains.

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Color

**XYZ(56.1656, 61.5967,
80.1633)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D2E1
RGB	183, 210, 225
RGB Percent	72%, 82%, 88%
CMY	0.2823, 0.1765, 0.1176
CMYK	0.19, 0.07, 0.00, 0.12
HSL	201°, 41%, 80%
HSV	201°, 19%, 88%
XYZ	56.1656, 61.5967, 80.1633
YIQ	203.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

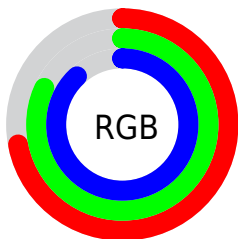
Format	Color
R _Y B	183, 199, 225
Decimal	12047073
CIE Lab	82.70, -5.85, -10.42
CIE LCh	83, 11.951, 240.718
Yxy	61.5967, 0.2838, 0.3112
Android (android.graphics.Color)	4290237153 (0xFFB7D2E1)
YUV	203.6370, 10.5320, -18.0986
Hunter-Lab	78.4836, -9.6054, -5.6205

Details

The XYZ color **56.1656, 61.5967, 80.1633** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7931, 59.8145, 53.1948**, and the grayscale version is **57.1120, 60.0863, 65.4340**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.1974, 31.3463, 42.5945** is the 20% darker color. If you saturate the color by 10%, you get **49.3021, 55.1888, 79.2892**, and if you desaturate by 10%, it is **63.9879, 68.6499, 81.1134**.

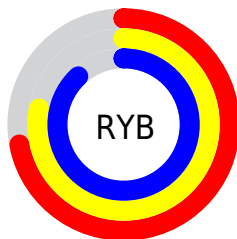
Distribution



Red (72%)

Green (82%)

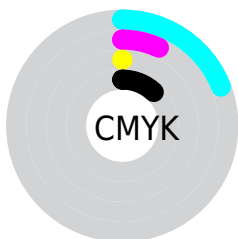
Blue (88%)



Red (72%)

Yellow (78%)

Blue (88%)

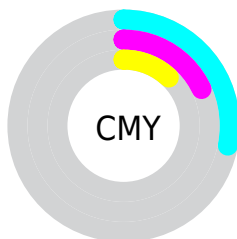


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (28%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1656, 61.5967, 80.1633 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 56.1656, 61.5967, 80.1633 by changing the saturation by 10% instead.

■ 56.1656, 61.5967,
80.1633

■ 56.1656, 61.5967,
80.1633

400.3802,
430.4585, 515.2043

■ 40.5732, 44.7069,
59.3258

■ 98.3851, 107.1424,
135.4088

■ 28.1720, 31.2266,
42.4537

125.7429,
136.5672, 170.6538

■ 18.5964, 20.7715,
29.1285

157.7532,
170.9390, 211.5384

■ 11.4813, 12.9571,
18.9316

194.7814,
210.6423, 258.4812

■ 6.4612, 7.3990,
11.4446

237.1929,
256.0615, 311.9006

■ 3.1708, 3.7129,
6.2488

285.3529,

■ 1.2447, 1.5143,

307.5810, 372.2152

2.9257

339.6269,
365.5852, 439.8436

■ 0.1412, 0.2987,
1.0568

■ 0.0000, 0.0000,
0.0000

■ 56.1656, 61.5967,
80.1633

■ 56.1656, 61.5967,
80.1633

■ 49.3021, 55.1888,
79.2892

■ 63.9879, 68.6499,
81.1134

■ 43.3498, 49.3948,
78.4846

■ 72.8027, 76.3631,
82.1376

■ 38.2654, 44.1916,
77.7482

■ 82.6489, 84.7600,
83.2394

■ 33.9991, 39.5515,
77.0775

■ 86.6251, 90.2849,
84.0963

■ 30.4963, 35.4440,
76.4692

■ 89.0711, 95.1769,
84.9116

■ 27.6947, 31.8345,
75.9202

■ 90.5908, 98.2163,
85.4182

■ 25.5209, 28.6829,
75.4264

■ 23.8657, 25.9303,
74.9824

■ 23.6641, 25.5829,
74.9259

Harmonies

Analogous

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



54.4058, 61.5967, 74.5481



56.1656, 61.5967, 80.1633



58.6076, 61.5967, 82.2128

Triad

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



56.1656, 61.5967, 80.1633



63.6192, 61.5967, 66.8915



56.0616, 61.5967, 55.6393

Complementary

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



56.1656, 61.5967, 80.1633



59.7931, 59.8145, 53.1948

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.



58.4840, 61.5967, 53.9082



56.1656, 61.5967, 80.1633



62.8907, 61.5967, 60.1064

Square

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



56.1656, 61.5967, 80.1633



62.9555, 61.5967, 74.2197



60.9923, 61.5967, 55.4832



54.3470, 61.5967, 60.3917

Rectangle

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



56.1656, 61.5967, 80.1633



60.3086, 61.5967, 81.1719



60.9923, 61.5967, 55.4832



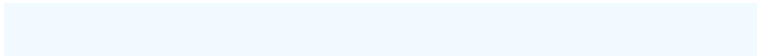
56.8177, 61.5967, 54.7010

Sweetspot

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



56.1674, 61.5992, 80.1647



87.9252, 93.7764, 108.0742



56.6132, 67.9822, 63.3840



18.6599, 19.9312, 23.1136



0.0000, 0.0000, 0.0000



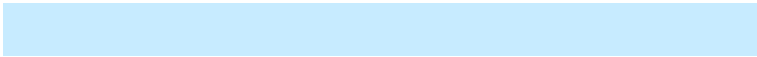
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1674, 61.5992, 80.1647



71.2758, 78.7467, 106.0507



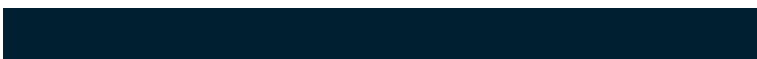
51.3824, 52.0291, 78.5697



13.6834, 14.7059, 17.5050



13.7503, 14.9701, 43.2132



1.0367, 1.2049, 3.0232

Inverse Universe

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



59.6191, 54.5290, 68.3585



76.6312, 68.0571, 87.6704



64.8530, 69.9342, 54.8814



14.0764, 13.8482, 16.1725



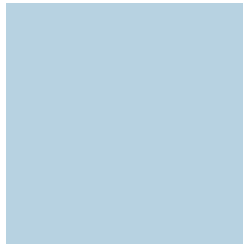
20.8807, 10.4193, 16.5695



1.4896, 0.7391, 1.3708

Previews

White Background



This preview shows how the XYZ color 56.1656, 61.5967, 80.1633 looks on a white background.

Color Contrast Check

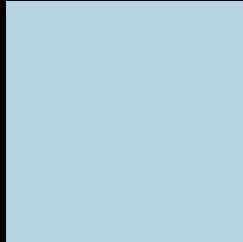
Large Text (above 18pt) WCAG AA × Fail

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 56.1656, 61.5967, 80.1633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

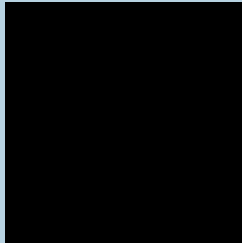
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

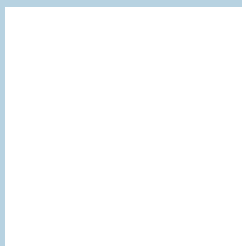
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1656, 61.5967, 80.1633

Background



This preview shows how black text looks on a background with the XYZ color 56.1656, 61.5967, 80.1633.

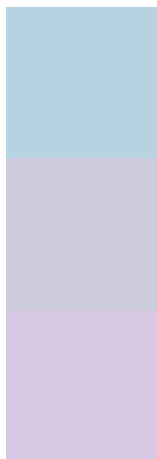


This preview shows how white text looks on a background with the XYZ color 56.1656, 61.5967,

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

56.1656, 61.5967, 80.1633

Protanopia

59.5459, 61.2436, 77.0894

Deuteranopia

62.5437, 61.3017, 81.2090



Tritanopia

56.3025, 61.6515, 80.8840

Trichromacy



Original Color

56.1656, 61.5967, 80.1633

Protanomaly

58.0211, 61.1523, 77.8528

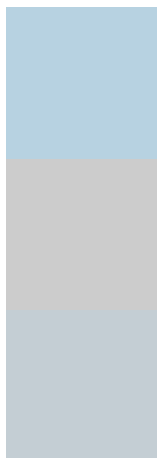
Deuteranomaly

59.9489, 61.3732, 80.6381

Tritanomaly

56.3025, 61.6515, 80.8840

Monochromacy



Original Color

56.1656, 61.5967, 80.1633

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7199, 60.6318, 71.0010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1656, 61.5967, 80.1633 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(183, 210, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 210, 225)  
}
```

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(183, 210, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 210, 225) }
```

Border

The CSS property to change the border of an element to XYZ 56.1656, 61.5967, 80.1633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

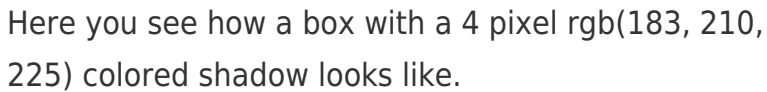
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 210, 225) }
```


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

```
.border{ border-color:rgb(183, 210, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 210, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 210, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 210, 225); box-shadow:4px 4px 4px 4px rgb(183, 210, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1656, 61.5967, 80.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 210, 225) }
```

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

```
.background{ background-color: rgb(183,  
210, 225) }
```

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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