

Converting Colors

XYZ(56.5436, 61.3097, 81.0333)

Have a look what the booklet for
XYZ(56.5436, 61.3097, 81.0333)
contains.

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Color

**XYZ(56.5355, 61.4062,
80.8243)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D1E2
RGB	185, 209, 226
RGB Percent	73%, 82%, 89%
CMY	0.2745, 0.1804, 0.1137
CMYK	0.18, 0.08, 0.00, 0.11
HSL	205°, 41%, 81%
HSV	205°, 18%, 89%
XYZ	56.5355, 61.4062, 80.8243
YIQ	203.7620, -19.7610, 0.1990

Conversions

Conversions Part 2

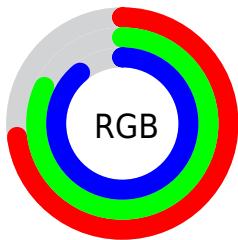
Format	Color
R _Y B	185, 200, 226
Decimal	12177890
CIE Lab	82.60, -4.49, -11.09
CIE LCh	83, 11.967, 247.979
Yxy	61.4062, 0.2844, 0.3089
Android (android.graphics.Color)	4290367970 (0xFFB9D1E2)
YUV	203.7620, 10.9633, -16.4543
Hunter-Lab	78.3621, -8.3522, -6.2995

Details

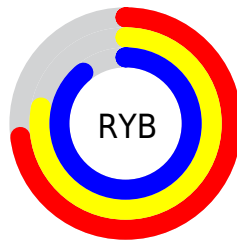
The XYZ color **56.5355, 61.4062, 80.8243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2420, 61.9125, 54.6227**, and the grayscale version is **57.1877, 60.1659, 65.5207**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **28.4321, 31.2083, 43.0533** is the 20% darker color. If you saturate the color by 10%, you get **49.2796, 54.3544, 79.8466**, and if you desaturate by 10%, it is **64.7968, 69.1803, 81.8904**.

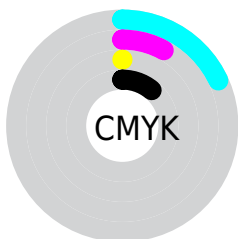
Distribution



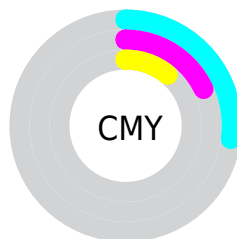
- Red (73%)
- Green (82%)
- Blue (89%)



- Red (73%)
- Yellow (78%)
- Blue (89%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5355, 61.4062, 80.8243 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 56.5355, 61.4062, 80.8243 by changing the saturation by 10% instead.

■ 56.5355, 61.4062,
80.8243

■ 56.5355, 61.4062,
80.8243

401.7489,
429.7618, 517.4863

■ 40.8711, 44.5531,
59.8668

■ 98.9224, 106.8669,
136.3459

■ 28.4056, 31.1055,
42.8866

126.3756,
136.2432, 171.7470

■ 18.7737, 20.6792,
29.4654

158.4891,
170.5627, 212.7997

■ 11.6099, 12.8897,
19.1846

195.6283,
210.2098, 259.9226

■ 6.5489, 7.3527,
11.6256

238.1585,
255.5688, 313.5341

■ 3.2254, 3.6836,
6.3698

286.4451,

■ 1.2741, 1.4982,

307.0243, 374.0529

2.9988

340.8534,
364.9604, 441.8974

■ 0.1637, 0.2875,
1.0940

■ 0.0000, 0.0000,
0.0000

■ 56.5355, 61.4062,
80.8243

■ 56.5355, 61.4062,
80.8243

■ 49.2796, 54.3544,
79.8466

■ 64.7968, 69.1803,
81.8904

■ 42.9806, 47.9915,
78.9504

■ 74.0986, 77.6931,
83.0433

■ 37.5938, 42.2926,
78.1343

■ 84.4806, 86.9701,
84.2868

■ 33.0684, 37.2281,
77.3953

■ 88.0701, 92.9560,
85.2530

■ 29.3484, 32.7652,
76.7299

■ 90.7276, 98.2711,
86.1388

■ 26.3704, 28.8674,
76.1345

■ 24.0599, 25.4924,
75.6049

■ 22.3122, 22.5822,
75.1353

■ 22.0208, 22.0773,
75.0532

Harmonies

Analogous

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



54.5639, 61.4062, 75.9322



56.5355, 61.4062, 80.8243



59.0518, 61.4062, 81.8425

Triad

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



56.5355, 61.4062, 80.8243



63.3850, 61.4062, 64.9200



55.3829, 61.4062, 56.3367

Complementary

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



56.5355, 61.4062, 80.8243



61.2420, 61.9125, 54.6227

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.



57.6830, 61.4062, 53.8292



56.5355, 61.4062, 80.8243



62.3381, 61.4062, 58.5425

Square

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



56.5355, 61.4062, 80.8243



63.0559, 61.4062, 72.2964



60.2330, 61.4062, 54.6062



53.9122, 61.4062, 61.7049

Rectangle

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



56.5355, 61.4062, 80.8243



60.7086, 61.4062, 80.1225



60.2330, 61.4062, 54.6062



56.0820, 61.4062, 55.1499

Sweetspot

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



56.5373, 61.4087, 80.8257



88.8507, 94.3353, 108.1333



57.7948, 68.9440, 65.7680



18.8373, 20.0255, 23.1224



0.0000, 0.0000, 0.0000



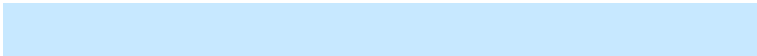
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5373, 61.4087, 80.8257



70.3609, 76.9169, 105.7458



51.9554, 52.2448, 79.2984



13.6154, 14.5700, 17.4824



12.6824, 12.8344, 42.8572



0.9668, 1.0650, 2.9999

Inverse Universe

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



60.2231, 55.4715, 67.8574



76.1694, 67.8724, 85.2386



66.2167, 71.8620, 56.2810



14.0421, 13.8345, 15.9919



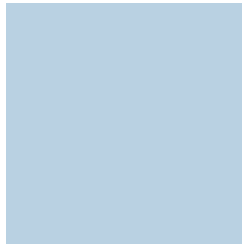
20.3417, 10.2037, 13.7311



1.4542, 0.7250, 1.1849

Previews

White Background



This preview shows how the XYZ color 56.5355, 61.4062, 80.8243 looks on a white background.

Color Contrast Check

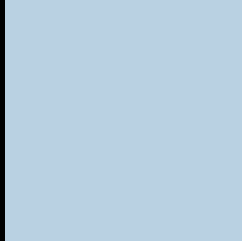
Large Text (above 18pt) WCAG AA × Fail

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 56.5355, 61.4062, 80.8243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

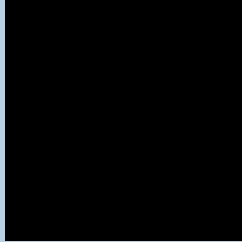
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

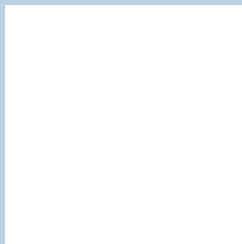
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5355, 61.4062, 80.8243

Background



This preview shows how black text looks on a background with the XYZ color 56.5355, 61.4062, 80.8243.



This preview shows how white text looks on a background with the XYZ color 56.5355, 61.4062,

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

56.5355, 61.4062, 80.8243

Protanopia

59.8140, 61.3508, 78.5014

Deuteranopia

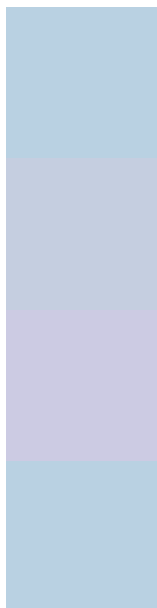
62.6822, 61.3571, 81.9382



Tritanopia

56.5355, 61.4062, 80.8243

Trichromacy



Original Color

56.5355, 61.4062, 80.8243

Protanomaly

58.5518, 61.3947, 79.2854

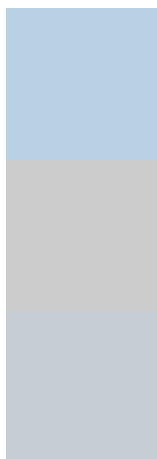
Deuteranomaly

60.1229, 61.0953, 81.2968

Tritanomaly

56.5355, 61.4062, 80.8243

Monochromacy



Original Color

56.5355, 61.4062, 80.8243

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9809, 60.7664, 71.0132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5355, 61.4062, 80.8243 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(185, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 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(185, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.5355, 61.4062, 80.8243 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(185, 209, 226) }
```


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

```
.border{ border-color:rgb(185, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 209, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 209, 226); box-shadow:4px 4px 4px 4px rgb(185, 209, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5355, 61.4062, 80.8243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 226) }
```

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

```
.background{ background-color: rgb(185,  
209, 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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