

Converting Colors

XYZ(56.5850, 60.2275, 80.2698)

Have a look what the booklet for
XYZ(56.5850, 60.2275, 80.2698)
contains.

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Color

**XYZ(56.7850, 60.4524,
80.6271)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCEE2
RGB	189, 206, 226
RGB Percent	74%, 81%, 89%
CMY	0.2588, 0.1921, 0.1137
CMYK	0.16, 0.09, 0.00, 0.11
HSL	212°, 39%, 81%
HSV	212°, 16%, 89%
XYZ	56.7850, 60.4524, 80.6271
YIQ	203.1970, -16.5520, 2.6160

Conversions

Conversions Part 2

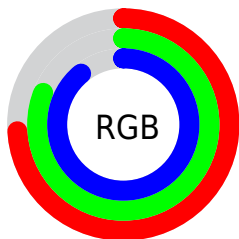
Format	Color
R_{YB}	189, 201, 226
Decimal	12439266
CIE Lab	82.08, -1.66, -11.83
CIE LCh	82, 11.947, 262.025
Yxy	60.4524, 0.2870, 0.3055
Android (android.graphics.Color)	4290629346 (0xFFBDCEE2)
YUV	203.1970, 11.2419, -12.4508
Hunter-Lab	77.7511, -5.6983, -7.0573

Details

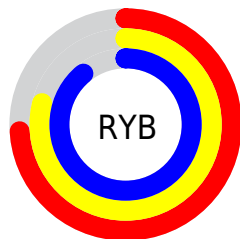
The XYZ color **56.7850, 60.4524, 80.6271** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3502, 65.4436, 57.4382**, and the grayscale version is **56.8290, 59.7885, 65.1097**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.5706, 30.5476, 42.9185** is the 20% darker color. If you saturate the color by 10%, you get **48.7830, 52.1316, 79.4438**, and if you desaturate by 10%, it is **65.8927, 69.6856, 81.9302**.

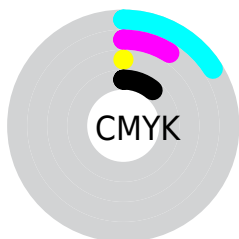
Distribution



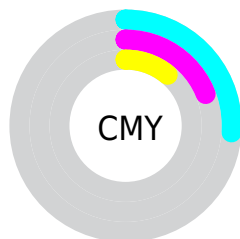
- Red (74%)
- Green (81%)
- Blue (89%)



- Red (74%)
- Yellow (79%)
- Blue (89%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7850, 60.4524, 80.6271 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 56.7850, 60.4524, 80.6271 by changing the saturation by 10% instead.

■ 56.7850, 60.4524,
80.6271

■ 56.7850, 60.4524,
80.6271

402.6704,
426.2633, 516.8061

■ 41.0721, 43.7834,
59.7053

■ 99.2846, 105.4857,
136.0664

■ 28.5634, 30.5003,
42.7574

126.8020,
134.6187, 171.4210

■ 18.8934, 20.2186,
29.3648

158.9849,
168.6752, 212.4236

■ 11.6968, 12.5540,
19.1090

196.1988,
208.0395, 259.4928

■ 6.6083, 7.1222,
11.5715

238.8089,
253.0961, 313.0471

■ 3.2625, 3.5386,
6.3336

287.1807,

■ 1.2941, 1.4190,

304.2293, 373.5051

2.9769

341.6794,
361.8236, 441.2852

■ 0.1788, 0.2307,
1.0829

■ 0.0000, 0.0000,
0.0000

■ 56.7850, 60.4524,
80.6271

■ 56.7850, 60.4524,
80.6271

■ 48.7830, 52.1316,
79.4438

■ 65.8927, 69.6856,
81.9302

■ 41.8357, 44.6847,
78.3725

■ 76.1435, 79.8531,
83.3525

■ 35.8962, 38.0809,
77.4109

■ 86.9131, 90.6420,
84.8673

■ 30.9115, 32.2847,
76.5548

■ 90.6840, 98.1837,
86.1243

■ 26.8232, 27.2574,
75.8000

■ 90.7277, 98.2711,
86.1388

■ 23.5658, 22.9564,
75.1415

■ 21.0638, 19.3333,
74.5740

■ 19.2232, 16.3298,
74.0913

■ 18.6634, 15.3625,
73.9341

Harmonies

Analogous

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



54.5127, 60.4524, 77.4430



56.7850, 60.4524, 80.6271



59.3043, 60.4524, 79.6203

Triad

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



56.7850, 60.4524, 80.6271



62.0931, 60.4524, 60.7282



53.7033, 60.4524, 57.6061

Complementary

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



56.7850, 60.4524, 80.6271



63.3502, 65.4436, 57.4382

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.



55.6508, 60.4524, 53.7184



56.7850, 60.4524, 80.6271



60.5079, 60.4524, 55.4266

Square

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



56.7850, 60.4524, 80.6271



62.4185, 60.4524, 67.7770



58.1367, 60.4524, 52.9509



52.7679, 60.4524, 63.9057

Rectangle

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



56.7850, 60.4524, 80.6271



60.7813, 60.4524, 76.7390



58.1367, 60.4524, 52.9509



54.2585, 60.4524, 55.9935

Sweetspot

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



56.7868, 60.4549, 80.6285



88.3548, 93.3434, 107.9680



59.6593, 69.8029, 70.4787



18.7168, 19.7845, 23.0823



0.0000, 0.0000, 0.0000



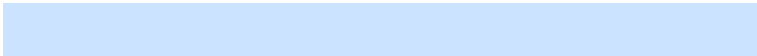
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7868, 60.4549, 80.6285



70.5404, 75.2344, 105.4116



53.2197, 52.8646, 79.3514



13.4684, 14.2760, 17.4334



10.7632, 8.9959, 42.2175



0.8348, 0.8011, 2.9559

Inverse Universe

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



60.7036, 57.0215, 66.2022



76.7583, 70.0159, 82.4579



67.3613, 74.0380, 58.8857



13.9679, 13.8048, 15.6012



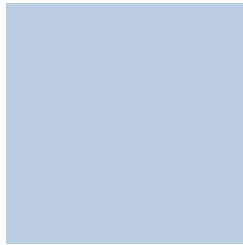
19.3730, 9.8162, 8.6297



1.3876, 0.6983, 0.8341

Previews

White Background



This preview shows how the XYZ color 56.7850, 60.4524, 80.6271 looks on a white background.

Color Contrast Check

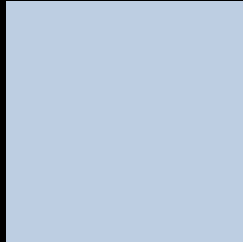
Large Text (above 18pt) WCAG AA × Fail

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 56.7850, 60.4524, 80.6271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

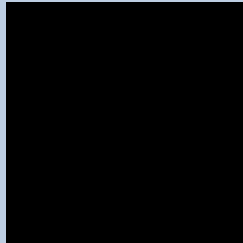
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

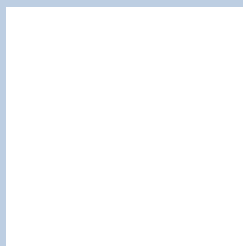
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7850, 60.4524, 80.6271

Background



This preview shows how black text looks on a background with the XYZ color 56.7850, 60.4524, 80.6271.



This preview shows how white text looks on a background with the XYZ color 56.7850, 60.4524,

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

56.7850, 60.4524, 80.6271

Protanopia

58.9322, 60.1794, 79.0307

Deuteranopia

61.6382, 60.1357, 81.7575



Tritanopia

56.3711, 60.6447, 78.5466

Trichromacy



Original Color

56.7850, 60.4524, 80.6271

Protanomaly

57.9725, 60.0184, 79.7634

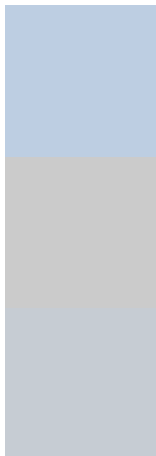
Deuteranomaly

59.6536, 60.1567, 81.1404

Tritanomaly

56.5064, 60.6988, 79.2588

Monochromacy



Original Color

56.7850, 60.4524, 80.6271

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6394, 59.8946, 70.2036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7850, 60.4524, 80.6271 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, 206, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 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(189, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.7850, 60.4524, 80.6271 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, 206, 226) }
```


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

```
.border{ border-color:rgb(189, 206, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 206,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7850, 60.4524, 80.6271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 226) }
```

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

```
.background{ background-color: rgb(189,  
206, 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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