

Converting Colors

XYZ(56.0331, 60.0909, 80.8224)

Have a look what the booklet for
XYZ(56.0331, 60.0909, 80.8224)
contains.

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Color

**XYZ(56.0485, 60.0727,
80.5926)**

Conversions

Conversions Part 1

Format	Color
Hex	BACEE2
RGB	186, 206, 226
RGB Percent	73%, 81%, 89%
CMY	0.2706, 0.1921, 0.1137
CMYK	0.18, 0.09, 0.00, 0.11
HSL	210°, 41%, 81%
HSV	210°, 18%, 89%
XYZ	56.0485, 60.0727, 80.5926
YIQ	202.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

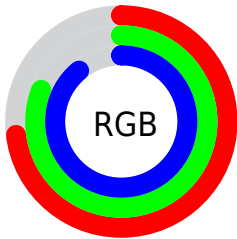
Format	Color
R _Y B	186, 199, 226
Decimal	12242658
CIE _{Lab}	81.88, -2.60, -12.16
CIE _{LCh}	82, 12.435, 257.935
Y _{xy}	60.0727, 0.2849, 0.3054
Android (android.graphics.Color)	4290432738 (0xFFBACEE2)
YUV	202.3000, 11.6841, -14.2951
Hunter-Lab	77.5066, -6.5551, -7.3961

Details

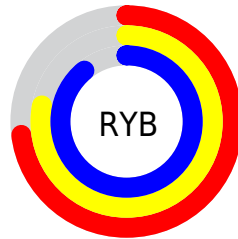
The XYZ color **56.0485, 60.0727, 80.5926** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2988, 63.8566, 55.4978**, and the grayscale version is **56.2653, 59.1955, 64.4639**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.0946, 30.3023, 42.8963** is the 20% darker color. If you saturate the color by 10%, you get **48.3636, 52.2186, 79.4826**, and if you desaturate by 10%, it is **64.8009, 68.7705, 81.8111**.

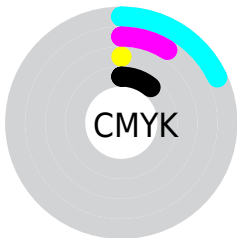
Distribution



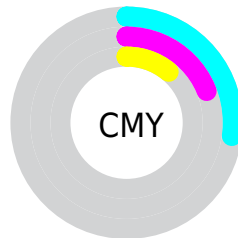
- Red (73%)
- Green (81%)
- Blue (89%)



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



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0485, 60.0727, 80.5926 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 56.0485, 60.0727, 80.5926 by changing the saturation by 10% instead.

■ 56.0485, 60.0727,
80.5926

■ 56.0485, 60.0727,
80.5926

399.9463,
424.8657, 516.6870

■ 40.4790, 43.4772,
59.6771

■ 98.2149, 104.9351,
136.0175

■ 28.0981, 30.2597,
42.7348

125.5424,
133.9709, 171.3640

■ 18.5404, 20.0358,
29.3472

157.5201,
167.9222, 212.3578

■ 11.4407, 12.4211,
19.0958

194.5131,
207.1734, 259.4176

■ 6.4335, 7.0311,
11.5620

236.8868,
252.1090, 312.9619

■ 3.1536, 3.4816,
6.3273

285.0067,

■ 1.2355, 1.3880,

303.1133, 373.4092

2.9731

339.2381,
360.5707, 441.1781

■ 0.1341, 0.2079,
1.0809

■ 0.0000, 0.0000,
0.0000

■ 56.0485, 60.0727,
80.5926

■ 56.0485, 60.0727,
80.5926

■ 48.3636, 52.2186,
79.4826

■ 64.8009, 68.7705,
81.8111

■ 41.6961, 45.1716,
78.4738

■ 74.6574, 78.3322,
83.1372

■ 35.9995, 38.9031,
77.5641

■ 85.6594, 88.7863,
84.5752

■ 31.2214, 33.3795,
76.7498

■ 89.5271, 95.8699,
85.7386

■ 27.3039, 28.5645,
76.0269

■ 90.7276, 98.2711,
86.1388

■ 24.1819, 24.4173,
75.3909

■ 21.7793, 20.8916,
74.8370

■ 19.9938, 17.9268,
74.3589

■ 19.6344, 17.3045,
74.2577

Harmonies

Analogous

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



53.7811, 60.0727, 76.7416



56.0485, 60.0727, 80.5926



58.6662, 60.0727, 80.1529

Triad

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



56.0485, 60.0727, 80.5926



62.0368, 60.0727, 61.0565



53.4305, 60.0727, 56.1919

Complementary

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



56.0485, 60.0727, 80.5926



62.2988, 63.8566, 55.4978

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.



55.5566, 60.0727, 52.5940



56.0485, 60.0727, 80.5926



60.5471, 60.0727, 55.2508

Square

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



56.0485, 60.0727, 80.5926



62.1783, 60.0727, 68.4780



58.1591, 60.0727, 52.2632



52.3009, 60.0727, 62.4330

Rectangle

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



56.0485, 60.0727, 80.5926



60.2578, 60.0727, 77.4889



58.1591, 60.0727, 52.2632



54.0493, 60.0727, 54.6546

Sweetspot

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



56.0503, 60.0752, 80.5940



88.5139, 93.6618, 108.0211



58.5070, 69.2568, 68.2543



18.7554, 19.8618, 23.0951



0.0000, 0.0000, 0.0000



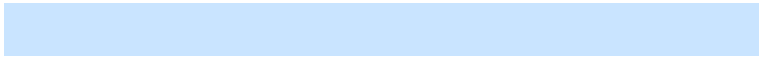
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0503, 60.0752, 80.5940



70.0648, 75.3125, 105.4517



51.6782, 51.3309, 79.1366



13.5155, 14.3701, 17.4490



11.3201, 10.1097, 42.4031



0.8742, 0.8798, 2.9690

Inverse Universe

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



60.0650, 55.7443, 65.9892



76.2670, 68.8575, 82.8362



67.2434, 73.7458, 57.1460



13.9917, 13.8143, 15.7263



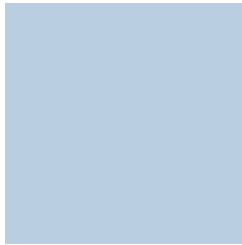
19.6541, 9.9286, 10.1099



1.4075, 0.7063, 0.9388

Previews

White Background



This preview shows how the XYZ color 56.0485, 60.0727, 80.5926 looks on a white background.

Color Contrast Check

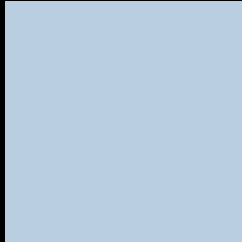
Large Text (above 18pt) WCAG AA × Fail

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 56.0485, 60.0727, 80.5926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

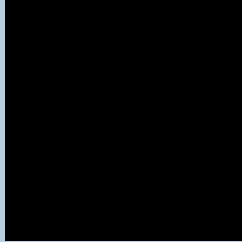
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

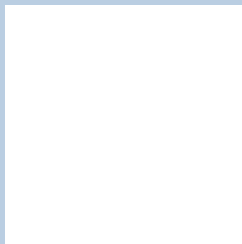
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0485, 60.0727, 80.5926

Background



This preview shows how black text looks on a background with the XYZ color 56.0485, 60.0727, 80.5926.



This preview shows how white text looks on a background with the XYZ color 56.0485, 60.0727,

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

56.0485, 60.0727, 80.5926

Protanopia

58.5272, 59.9863, 78.3058

Deuteranopia

61.3491, 59.9867, 81.7439



Tritanopia

55.6397, 60.2676, 78.5123

Trichromacy



Original Color

56.0485, 60.0727, 80.5926

Protanomaly

57.5754, 59.8295, 79.0347

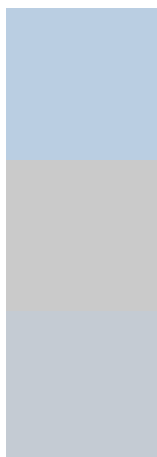
Deuteranomaly

59.3804, 60.0158, 81.1276

Tritanomaly

55.7750, 60.3218, 79.2246

Monochromacy



Original Color

56.0485, 60.0727, 80.5926

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8788, 59.1508, 70.1001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0485, 60.0727, 80.5926 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, 206, 226) looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.0485, 60.0727, 80.5926 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, 206, 226) }
```


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

```
.border{ border-color:rgb(186, 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(186, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 206, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 206, 226); box-shadow:4px 4px 4px 4px rgb(186, 206, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0485, 60.0727, 80.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 226) }
```

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

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