

Converting Colors

XYZ(56.0024, 58.5896, 82.4860)

Have a look what the booklet for
XYZ(56.0024, 58.5896, 82.4860)
contains.

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Color

**XYZ(56.0024, 58.5896,
82.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCA E5
RGB	188, 202, 229
RGB Percent	74%, 79%, 90%
CMY	0.2627, 0.2078, 0.1020
CMYK	0.18, 0.12, 0.00, 0.10
HSL	220°, 44%, 82%
HSV	220°, 18%, 90%
XYZ	56.0024, 58.5896, 82.4860
YIQ	200.8920, -17.0110, 5.4290

Conversions

Conversions Part 2

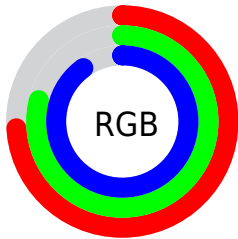
Format	Color
R _Y B	188, 198, 229
Decimal	12372709
CIE Lab	81.07, 0.79, -14.97
CIE LCh	81, 14.987, 273.009
Yxy	58.5896, 0.2842, 0.2973
Android (android.graphics.Color)	4290562789 (0xFFBCCA E5)
YUV	200.8920, 13.8572, -11.3063
Hunter-Lab	76.5438, -3.3543, -10.3120

Details

The XYZ color **56.0024, 58.5896, 82.4860** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.6910, 68.8895, 57.4129**, and the grayscale version is **55.3764, 58.2602, 63.4454**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.0614, 29.3041, 44.2217** is the 20% darker color. If you saturate the color by 10%, you get **47.4358, 49.1765, 81.1215**, and if you desaturate by 10%, it is **65.8134, 69.1605, 84.0102**.

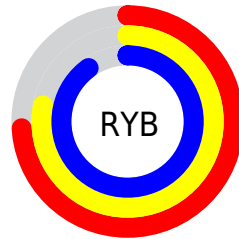
Distribution



Red (74%)

Green (79%)

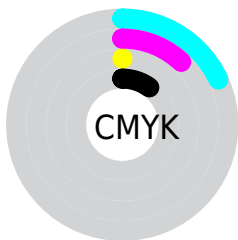
Blue (90%)



Red (74%)

Yellow (78%)

Blue (90%)

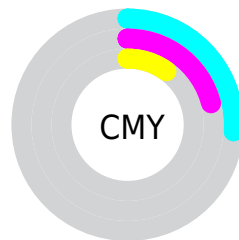


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0024, 58.5896, 82.4860 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 56.0024, 58.5896, 82.4860 by changing the saturation by 10% instead.

■ 56.0024, 58.5896,
82.4860

■ 56.0024, 58.5896,
82.4860

399.7754,
419.3793, 523.1980

■ 40.4419, 42.2828,
61.2281

■ 98.1479, 102.7810,
138.6981

■ 28.0690, 29.3228,
43.9775

125.4635,
131.4343, 174.4894

■ 18.5184, 19.3252,
30.3158

157.4282,
164.9720, 215.9622

■ 11.4247, 11.9055,
19.8243

194.4074,
203.7785, 263.5350

■ 6.4227, 6.6793,
12.0846

236.7663,
248.2380, 317.6265

■ 3.1468, 3.2624,
6.6781

284.8704,

■ 1.2319, 1.2702,

298.7351, 378.6551

3.1862

339.0850,
355.6541, 447.0394

■ 0.1313, 0.1180,
1.1905

■ 0.0000, 0.0000,
0.0000

■ 56.0024, 58.5896,
82.4860

■ 56.0024, 58.5896,
82.4860

■ 47.4358, 49.1765,
81.1215

■ 65.8134, 69.1605,
84.0102

■ 40.0563, 40.8724,
79.9076

■ 76.9123, 80.9211,
85.6953

■ 33.8099, 33.6358,
78.8400

■ 88.7178, 93.5867,
87.5178

■ 28.6359, 27.4192,
77.9128

■ 91.1430, 98.4372,
88.3262

■ 24.4678, 22.1713,
77.1196

■ 21.2307, 17.8356,
76.4533

■ 18.8379, 14.3481,
75.9063

■ 17.1733, 11.6284,
75.4691

■ 16.8824, 11.1359,
75.3893

Harmonies

Analogous

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



53.0155, 58.5896, 80.3177



56.0024, 58.5896, 82.4860



59.0119, 58.5896, 79.2732

Triad

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



56.0024, 58.5896, 82.4860



60.8584, 58.5896, 54.9053



50.5234, 58.5896, 56.3274

Complementary

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



56.0024, 58.5896, 82.4860



65.6910, 68.8895, 57.4129

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.



52.4907, 58.5896, 50.4738



56.0024, 58.5896, 82.4860



58.4481, 58.5896, 49.7081

Square

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



56.0024, 58.5896, 82.4860



61.8803, 58.5896, 62.8986



55.3741, 58.5896, 48.1636



49.9226, 58.5896, 64.6981

Rectangle

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



56.0024, 58.5896, 82.4860



60.6057, 58.5896, 74.6722



55.3741, 58.5896, 48.1636



51.0431, 58.5896, 54.0273

Sweetspot

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



56.0042, 58.5920, 82.4873



87.8938, 92.4214, 107.8144



60.9802, 71.6194, 74.6654



18.6049, 19.5607, 23.0450



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.



56.0042, 58.5920, 82.4873



67.7833, 70.7494, 104.6912



54.4139, 53.1140, 81.5138



13.9832, 14.6878, 18.2424



9.7529, 6.5680, 43.1369



0.8045, 0.6530, 3.2156

Inverse Universe

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



60.9584, 56.8901, 63.6479



75.1154, 68.3969, 76.7718



67.4826, 75.3346, 58.5625



14.5791, 14.4488, 15.9840



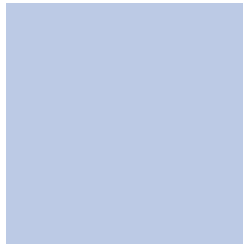
19.3163, 9.8608, 5.2948



1.4697, 0.7456, 0.6141

Previews

White Background



This preview shows how the XYZ color 56.0024, 58.5896, 82.4860 looks on a white background.

Color Contrast Check

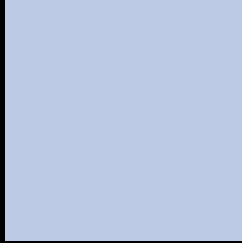
Large Text (above 18pt) WCAG AA × Fail

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 56.0024, 58.5896, 82.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

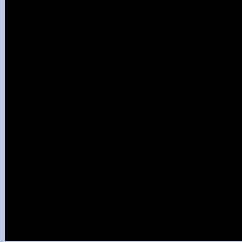
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0024, 58.5896, 82.4860

Background



This preview shows how black text looks on a background with the XYZ color 56.0024, 58.5896, 82.4860.



This preview shows how white text looks on a background with the XYZ color 56.0024, 58.5896,

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

56.0024, 58.5896, 82.4860

Protanopia

57.5454, 58.7249, 80.9751

Deuteranopia

59.7550, 58.4584, 82.9971



Tritanopia

54.7608, 58.7921, 76.1720

Trichromacy



Original Color

56.0024, 58.5896, 82.4860

Protanomaly

57.1384, 58.8441, 81.7453

Deuteranomaly

58.2964, 58.3807, 83.0590

Tritanomaly

55.1687, 58.6044, 78.2161

Monochromacy



Original Color

56.0024, 58.5896, 82.4860

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4095, 58.2122, 69.9437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0024, 58.5896, 82.4860 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(188, 202, 229)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 229)  
}
```

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(188, 202, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 229) }
```

Border

The CSS property to change the border of an element to XYZ 56.0024, 58.5896, 82.4860 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(188, 202, 229) }
```


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

```
.border{ border-color:rgb(188, 202, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 202, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 229);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0024, 58.5896, 82.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 229) }
```

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

```
.background{ background-color: rgb(188,  
202, 229) }
```

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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