

Converting Colors

XYZ(58.6726, 63.5629, 83.3052)

Have a look what the booklet for
XYZ(58.6726, 63.5629, 83.3052)
contains.

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Color

**XYZ(58.6726, 63.5629,
83.3052)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD4E5
RGB	189, 212, 229
RGB Percent	74%, 83%, 90%
CMY	0.2588, 0.1686, 0.1020
CMYK	0.17, 0.07, 0.00, 0.10
HSL	205°, 43%, 82%
HSV	205°, 17%, 90%
XYZ	58.6726, 63.5629, 83.3052
YIQ	207.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

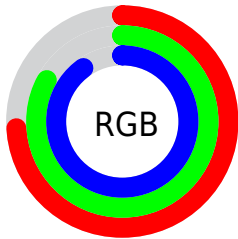
Format	Color
R _Y B	189, 204, 229
Decimal	12440805
CIE Lab	83.74, -4.17, -10.96
CIE LCh	84, 11.728, 249.160
Yxy	63.5629, 0.2855, 0.3092
Android (android.graphics.Color)	4290630885 (0xFFBDD4E5)
YUV	207.0610, 10.8159, -15.8395
Hunter-Lab	79.7263, -8.1585, -6.1430

Details

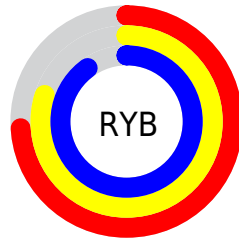
The XYZ color **58.6726, 63.5629, 83.3052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5702, 64.4747, 57.2398**, and the grayscale version is **59.2904, 62.3781, 67.9297**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.6886, 32.3208, 44.7182** is the 20% darker color. If you saturate the color by 10%, you get **51.0751, 56.1447, 82.2748**, and if you desaturate by 10%, it is **67.3174, 71.7419, 84.4293**.

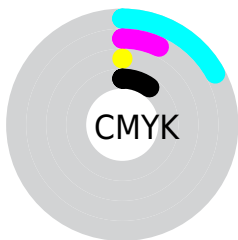
Distribution



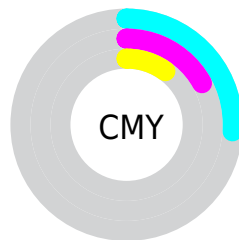
- Red (74%)
- Green (83%)
- Blue (90%)



- Red (74%)
- Yellow (80%)
- Blue (90%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6726, 63.5629, 83.3052 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 58.6726, 63.5629, 83.3052 by changing the saturation by 10% instead.

■ 58.6726, 63.5629,
83.3052

■ 58.6726, 63.5629,
83.3052

409.6011,
437.6095, 526.0007

■ 42.5950, 46.2967,
61.8999

■ 102.0190,
109.9812, 139.8559

■ 29.7606, 32.4800,
44.5165

130.0185,
139.9021, 175.8383

■ 19.8041, 21.7284,
30.7366

162.7227,
174.8101, 217.5169

■ 12.3602, 13.6575,
20.1416

200.4969,
215.0895, 265.3102

■ 7.0634, 7.8828,
12.3129

243.7065,
261.1248, 319.6367

■ 3.5485, 4.0201,
6.8320

292.7168,

■ 1.4500, 1.6848,

313.3003, 380.9149

3.2804

347.8933,
372.0004, 449.5634

■ 0.2914, 0.4138,
1.2395

■ 0.0000, 0.0000,
0.0115

■ 58.6726, 63.5629,
83.3052

■ 58.6726, 63.5629,
83.3052

■ 51.0751, 56.1447,
82.2748

■ 67.3174, 71.7419,
84.4293

■ 44.4747, 49.4528,
81.3310

■ 77.0455, 80.6991,
85.6455

■ 38.8253, 43.4611,
80.4722

■ 86.8969, 89.9449,
86.9109

■ 34.0747, 38.1386,
79.6953

■ 89.8579, 95.8670,
87.8979

■ 30.1651, 33.4516,
78.9967

■ 91.1430, 98.4372,
88.3263

■ 27.0315, 29.3621,
78.3725

■ 24.5975, 25.8264,
77.8183

■ 22.7623, 22.7880,
77.3286

■ 22.3524, 22.0760,
77.2127

Harmonies

Analogous

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



56.6612, 63.5629, 78.5424



58.6726, 63.5629, 83.3052



61.2052, 63.5629, 84.1520

Triad

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



58.6726, 63.5629, 83.3052



65.4288, 63.5629, 66.9792



57.3456, 63.5629, 58.7995

Complementary

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



58.6726, 63.5629, 83.3052



63.5702, 64.4747, 57.2398

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.



59.6309, 63.5629, 56.1491



58.6726, 63.5629, 83.3052



64.3302, 63.5629, 60.6463

Square

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



58.6726, 63.5629, 83.3052



65.1546, 63.5629, 74.3702



62.1908, 63.5629, 56.8004



55.9103, 63.5629, 64.2927

Rectangle

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



58.6726, 63.5629, 83.3052



62.8561, 63.5629, 82.3265



62.1908, 63.5629, 56.8004



58.0372, 63.5629, 57.5650

Sweetspot

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



58.6745, 63.5655, 83.3066



88.8097, 94.2533, 108.1197



60.1069, 71.2986, 68.7757



18.8273, 20.0056, 23.1191



0.0000, 0.0000, 0.0000



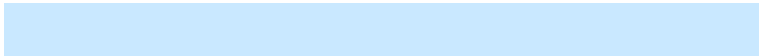
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6745, 63.5655, 83.3066



71.1841, 77.5511, 105.8248



54.0533, 54.3232, 81.7662



14.2676, 15.2566, 18.3372



12.9016, 12.8653, 44.1864



1.0450, 1.1339, 3.2958

Inverse Universe

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



62.3959, 57.8081, 70.1597



76.8320, 69.0835, 85.8113



68.6053, 74.5448, 58.9182



14.7227, 14.5062, 16.7399



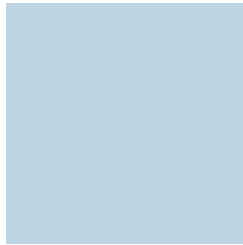
20.9056, 10.4965, 13.6640



1.5911, 0.7941, 1.2532

Previews

White Background



This preview shows how the XYZ color 58.6726, 63.5629, 83.3052 looks on a white background.

Color Contrast Check

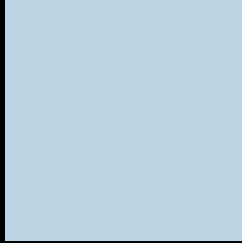
Large Text (above 18pt) WCAG AA × Fail

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 58.6726, 63.5629, 83.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

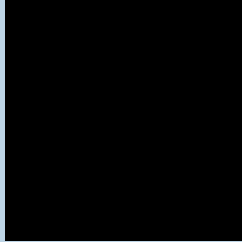
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

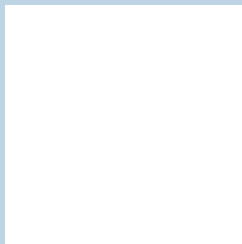
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6726, 63.5629, 83.3052

Background



This preview shows how black text looks on a background with the XYZ color 58.6726, 63.5629, 83.3052.



This preview shows how white text looks on a background with the XYZ color 58.6726, 63.5629,

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

58.6726, 63.5629, 83.3052

Protanopia

61.7724, 63.3820, 80.9297

Deuteranopia

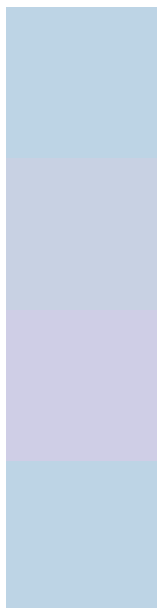
64.6932, 63.3868, 84.4265



Tritanopia

58.6726, 63.5629, 83.3052

Trichromacy



Original Color

58.6726, 63.5629, 83.3052

Protanomaly

60.4850, 63.4263, 81.7277

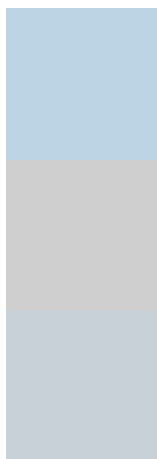
Deuteranomaly

62.0864, 63.1212, 83.7742

Tritanomaly

58.6726, 63.5629, 83.3052

Monochromacy



Original Color

58.6726, 63.5629, 83.3052

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8856, 62.7866, 73.3054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6726, 63.5629, 83.3052 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, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(189, 212, 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(189, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 212, 229) }
```

Border

The CSS property to change the border of an element to XYZ 58.6726, 63.5629, 83.3052 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, 212, 229) }
```


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

```
.border{ border-color:rgb(189, 212, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(189, 212,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6726, 63.5629, 83.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 212, 229) }
```

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

```
.background{ background-color: rgb(189,  
212, 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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