

Converting Colors

XYZ(57.8711, 62.8436, 80.3141)

Have a look what the booklet for
XYZ(57.8711, 62.8436, 80.3141)
contains.

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Color

**XYZ(57.8711, 62.8436,
80.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD3E1
RGB	189, 211, 225
RGB Percent	74%, 83%, 88%
CMY	0.2588, 0.1725, 0.1176
CMYK	0.16, 0.06, 0.00, 0.12
HSL	203°, 38%, 81%
HSV	203°, 16%, 88%
XYZ	57.8711, 62.8436, 80.3141
YIQ	206.0180, -17.6060, -0.3100

Conversions

Conversions Part 2

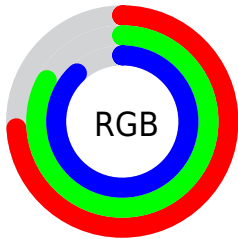
Format	Color
RYB	189, 203, 225
Decimal	12440545
CIELab	83.36, -4.49, -9.40
CIElCh	83, 10.415, 244.449
Yxy	62.8436, 0.2879, 0.3126
Android (android.graphics.Color)	4290630625 (0xFFBDD3E1)
YUV	206.0180, 9.3581, -14.9248
Hunter-Lab	79.2740, -8.4219, -4.5762

Details

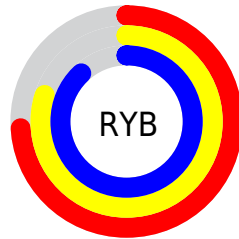
The XYZ color **57.8711, 62.8436, 80.3141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5930, 62.3933, 56.9420**, and the grayscale version is **58.6293, 61.6826, 67.1723**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.3043, 32.1671, 42.6946** is the 20% darker color. If you saturate the color by 10%, you get **50.6028, 55.9591, 79.3693**, and if you desaturate by 10%, it is **66.1272, 70.4162, 81.3416**.

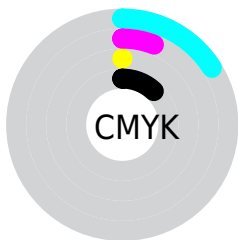
Distribution



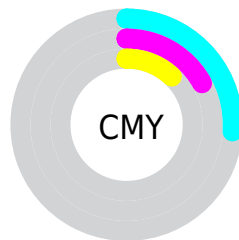
- Red (74%)
- Green (83%)
- Blue (88%)



- Red (74%)
- Yellow (80%)
- Blue (88%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (26%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8711, 62.8436, 80.3141 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 57.8711, 62.8436, 80.3141 by changing the saturation by 10% instead.

■ 57.8711, 62.8436,
80.3141

■ 57.8711, 62.8436,
80.3141

406.6671,
435.0017, 515.7254

■ 41.9479, 45.7147,
59.4492

■ 100.8592,
108.9438, 135.6226

■ 29.2514, 32.0207,
42.5524

128.6547,
138.6840, 170.9033

■ 19.4163, 21.3773,
29.2053

161.1385,
173.3966, 211.8263

■ 12.0773, 13.4001,
18.9893

198.6757,
213.4662, 258.8102

■ 6.8689, 7.7046,
11.4858

241.6319,
259.2771, 312.2736

■ 3.4258, 3.9065,
6.2763

290.3722,

■ 1.3828, 1.6214,

311.2137, 372.6348

2.9423

345.2622,
369.6604, 440.3126

■ 0.2439, 0.3720,
1.0653

■ 0.0000, 0.0000,
0.0000

■ 57.8711, 62.8436,
80.3141

■ 57.8711, 62.8436,
80.3141

■ 50.6028, 55.9591,
79.3693

■ 66.1272, 70.4162,
81.3416

■ 44.2752, 49.7308,
78.5007

■ 75.4047, 78.6920,
82.4500

■ 38.8452, 44.1352,
77.7068

■ 85.1872, 87.4091,
83.6170

■ 34.2642, 39.1443,
76.9849

■ 87.7858, 92.6063,
84.4832

■ 30.4783, 34.7275,
76.3319

■ 90.5097, 98.0542,
85.3912

■ 27.4271, 30.8505,
75.7444

■ 90.5908, 98.2163,
85.4182

■ 25.0403, 27.4739,
75.2184

■ 23.2311, 24.5497,
74.7494

■ 22.6105, 23.4756,
74.5748

Harmonies

Analogous

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



56.2091, 62.8436, 75.7310



57.8711, 62.8436, 80.3141



60.0696, 62.8436, 81.6375

Triad

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



57.8711, 62.8436, 80.3141



64.1816, 62.8436, 67.4625



57.2998, 62.8436, 58.6421

Complementary

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



57.8711, 62.8436, 80.3141



61.5930, 62.3933, 56.9420

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.



59.3936, 62.8436, 56.7227



57.8711, 62.8436, 80.3141



63.3969, 62.8436, 61.6066

Square

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



57.8711, 62.8436, 80.3141



63.7492, 62.8436, 73.9511



61.6302, 62.8436, 57.7730



55.8852, 62.8436, 63.1832

Rectangle

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



57.8711, 62.8436, 80.3141



61.5527, 62.8436, 80.4271



61.6302, 62.8436, 57.7730



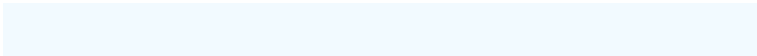
57.9455, 62.8436, 57.6824

Sweetspot

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



57.8730, 62.8462, 80.3155



88.9527, 94.5393, 108.1673



58.6682, 68.9726, 66.5970



18.8621, 20.0751, 23.1307



0.0000, 0.0000, 0.0000



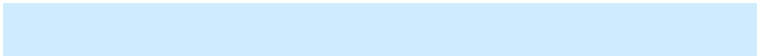
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8730, 62.8462, 80.3155



73.6988, 80.5051, 106.2624



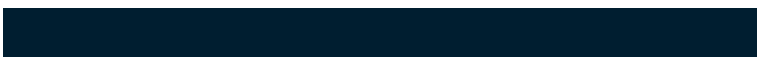
53.6922, 54.4846, 78.9219



13.6458, 14.6308, 17.4925



13.1456, 13.7608, 43.0116



0.9974, 1.1262, 3.0101

Inverse Universe

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



61.0083, 57.1072, 69.4383



78.6079, 71.7335, 89.1834



66.0414, 71.2901, 58.4248



14.0574, 13.8406, 16.0727



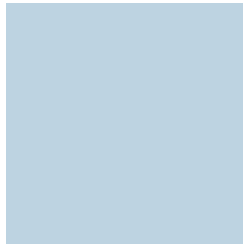
20.5755, 10.2972, 14.9623



1.4697, 0.7311, 1.2662

Previews

White Background



This preview shows how the XYZ color 57.8711, 62.8436, 80.3141 looks on a white background.

Color Contrast Check

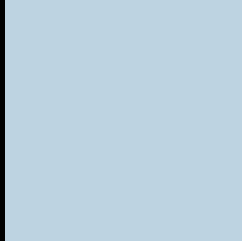
Large Text (above 18pt) WCAG AA × Fail

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 57.8711, 62.8436, 80.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

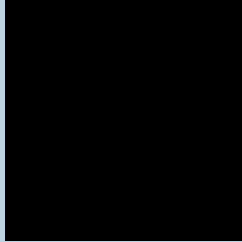
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8711, 62.8436, 80.3141

Background



This preview shows how black text looks on a background with the XYZ color 57.8711, 62.8436, 80.3141.

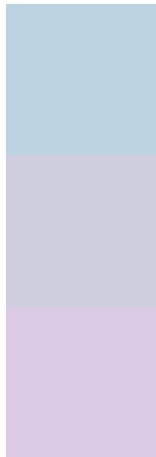


This preview shows how white text looks on a background with the XYZ color 57.8711, 62.8436,

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

57.8711, 62.8436, 80.3141

Protanopia

60.9882, 62.6819, 77.9916

Deuteranopia

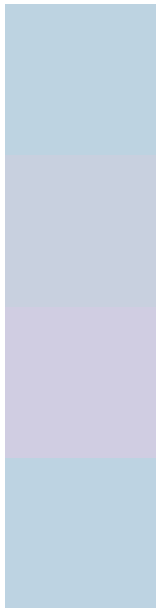
64.1991, 62.8472, 81.4201



Tritanopia

58.1457, 62.9534, 81.7597

Trichromacy



Original Color

57.8711, 62.8436, 80.3141

Protanomaly

59.6946, 62.7188, 78.7717

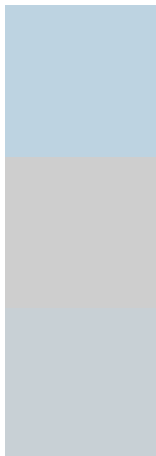
Deuteranomaly

61.5712, 62.5635, 80.7823

Tritanomaly

58.0080, 62.8983, 81.0348

Monochromacy



Original Color

57.8711, 62.8436, 80.3141

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.3855, 62.1952, 71.8784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8711, 62.8436, 80.3141 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, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(189, 211, 225)  
}
```

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, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 211, 225) }
```

Border

The CSS property to change the border of an element to XYZ 57.8711, 62.8436, 80.3141 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, 211, 225) }
```


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

```
.border{ border-color:rgb(189, 211, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 211, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 211, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 211, 225);  
box-shadow:4px 4px 4px 4px rgb(189, 211,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8711, 62.8436, 80.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 211, 225) }
```

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

```
.background{ background-color: rgb(189,  
211, 225) }
```

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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