

Converting Colors

XYZ(56.8311, 63.2726, 80.9437)

Have a look what the booklet for
XYZ(56.8311, 63.2726, 80.9437)
contains.

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Color

**XYZ(57.0654, 63.5292,
81.2062)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D6E2
RGB	182, 214, 226
RGB Percent	71%, 84%, 89%
CMY	0.2863, 0.1608, 0.1137
CMYK	0.19, 0.05, 0.00, 0.11
HSL	196°, 43%, 80%
HSV	196°, 19%, 89%
XYZ	57.0654, 63.5292, 81.2062
YIQ	205.8000, -22.9240, -3.0520

Conversions

Conversions Part 2

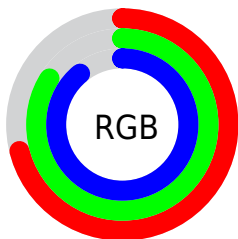
Format	Color
R_{YB}	182, 201, 226
Decimal	11982562
CIE _{Lab}	83.72, -8.02, -9.44
CIE _{LCh}	84, 12.388, 229.657
Yxy	63.5292, 0.2828, 0.3148
Android (android.graphics.Color)	4290172642 (0xFFB6D6E2)
YUV	205.8000, 9.9586, -20.8726
Hunter-Lab	79.7052, -11.6860, -4.6129

Details

The XYZ color **57.0654, 63.5292, 81.2062** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.0998, 58.1297, 52.3624**, and the grayscale version is **58.4887, 61.5346, 67.0112**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.6509, 32.3257, 43.2575** is the 20% darker color. If you saturate the color by 10%, you get **50.6230, 57.9380, 80.4676**, and if you desaturate by 10%, it is **64.4319, 69.6877, 82.0077**.

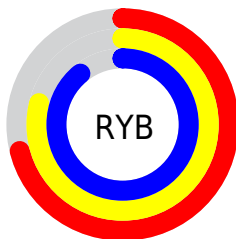
Distribution



Red (71%)

Green (84%)

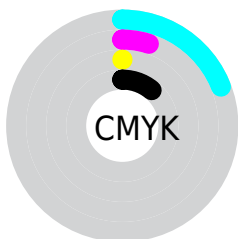
Blue (89%)



Red (71%)

Yellow (79%)

Blue (89%)

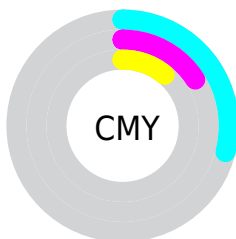


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0654, 63.5292, 81.2062 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 57.0654, 63.5292, 81.2062 by changing the saturation by 10% instead.

■ 57.0654, 63.5292,
81.2062

■ 57.0654, 63.5292,
81.2062

403.7045,
437.4875, 518.8021

■ 41.2981, 46.2695,
60.1794

■ 99.6914, 109.9326,
136.8869

■ 28.7408, 32.4585,
43.1370

127.2808,
139.8451, 172.3780

■ 19.0281, 21.7120,
29.6605

159.5417,
174.7440, 213.5276

■ 11.7947, 13.6454,
19.3311

196.8393,
215.0136, 260.7542

■ 6.6753, 7.8745,
11.7306

239.5390,
261.0383, 314.4765

■ 3.3044, 4.0147,
6.4402

288.0062,

■ 1.3167, 1.6818,

313.2026, 375.1128

3.0415

342.6063,
371.8909, 443.0819

■ 0.1957, 0.4118,
1.1158

■ 0.0000, 0.0000,
0.0000

■ 57.0654, 63.5292,
81.2062

■ 57.0654, 63.5292,
81.2062

■ 50.6230, 57.9380,
80.4676

■ 64.4319, 69.6877,
82.0077

■ 45.0573, 52.8837,
79.7853

■ 72.7560, 76.4267,
82.8697

■ 40.3247, 48.3447,
79.1587

■ 82.0764, 83.7687,
83.7956

■ 36.3758, 44.2942,
78.5850

■ 85.7328, 88.2813,
84.4739

■ 33.1554, 40.7031,
78.0615

■ 87.5643, 91.9444,
85.0844

■ 30.6008, 37.5378,
77.5852

■ 89.4579, 95.7316,
85.7156

■ 28.6378, 34.7591,
77.1523

■ 90.7277, 98.2711,
86.1389

■ 27.1450, 32.3034,
76.7570

■ 27.0711, 32.1779,
76.7367

Harmonies

Analogous

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



55.5981, 63.5292, 74.3251



57.0654, 63.5292, 81.2062



59.4500, 63.5292, 84.9492

Triad

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



57.0654, 63.5292, 81.2062



65.6657, 63.5292, 71.8920



58.6433, 63.5292, 56.0253

Complementary

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



57.0654, 63.5292, 81.2062



59.0998, 58.1297, 52.3624

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.



61.3249, 63.5292, 55.4811



57.0654, 63.5292, 81.2062



65.4340, 63.5292, 64.2637

Square

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



57.0654, 63.5292, 81.2062



64.4499, 63.5292, 79.3107



63.8259, 63.5292, 58.3905



56.4901, 63.5292, 59.9373

Rectangle

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



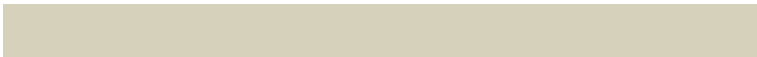
57.0654, 63.5292, 81.2062



61.2626, 63.5292, 84.9849



63.8259, 63.5292, 58.3905



59.5111, 63.5292, 55.4542

Sweetspot

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



57.0673, 63.5318, 81.2076



88.3270, 94.5799, 108.2082



56.1966, 68.2220, 61.0895



18.7550, 20.1214, 23.1453



0.0000, 0.0000, 0.0000



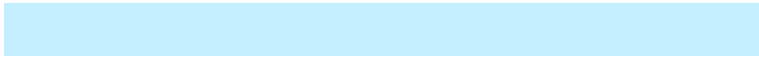
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0673, 63.5318, 81.2076



71.7750, 80.7406, 106.4093



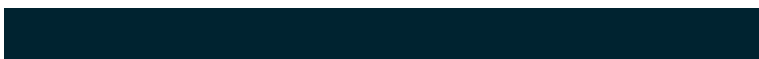
51.9283, 53.2538, 79.4946



13.7840, 14.9072, 17.5386



15.5474, 18.5644, 43.8122



1.1509, 1.4333, 3.0612

Inverse Universe

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



60.2310, 54.4810, 70.9627



76.6402, 67.1304, 90.5859



64.2962, 68.5225, 54.0945



14.1272, 13.8685, 16.4401



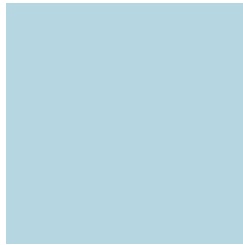
21.7878, 10.7821, 21.3462



1.5472, 0.7622, 1.6744

Previews

White Background



This preview shows how the XYZ color 57.0654, 63.5292, 81.2062 looks on a white background.

Color Contrast Check

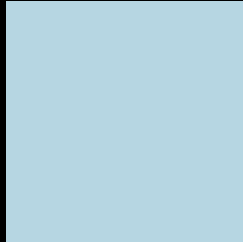
Large Text (above 18pt) WCAG AA × Fail

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 57.0654, 63.5292, 81.2062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

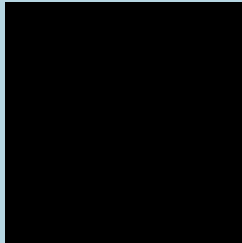
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

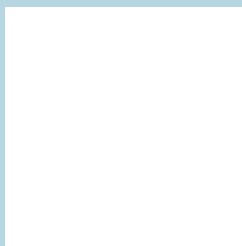
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0654, 63.5292, 81.2062

Background



This preview shows how black text looks on a background with the XYZ color 57.0654, 63.5292, 81.2062.

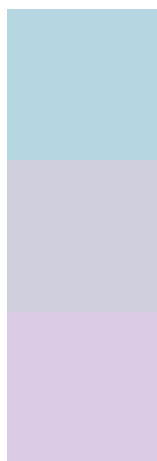


This preview shows how white text looks on a background with the XYZ color 57.0654, 63.5292,

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

57.0654, 63.5292, 81.2062

Protanopia

61.5101, 63.3095, 78.0853

Deuteranopia

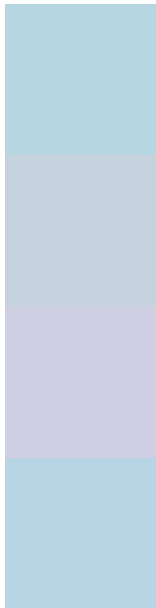
64.5729, 63.3734, 82.2277



Tritanopia

57.6056, 63.3690, 84.0582

Trichromacy



Original Color

57.0654, 63.5292, 81.2062

Protanomaly

59.9191, 63.5630, 78.9229

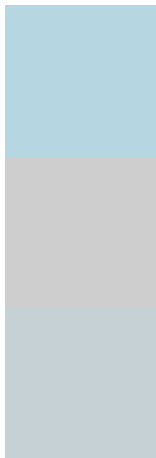
Deuteranomaly

61.6316, 63.2935, 81.6416

Tritanomaly

57.4655, 63.3129, 83.3206

Monochromacy



Original Color

57.0654, 63.5292, 81.2062

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8367, 62.2753, 71.9228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0654, 63.5292, 81.2062 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(182, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 214, 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(182, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 214, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.0654, 63.5292, 81.2062 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(182, 214, 226) }
```


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

```
.border{ border-color:rgb(182, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 214,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0654, 63.5292, 81.2062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 214, 226) }
```

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

```
.background{ background-color: rgb(182,  
214, 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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