

Converting Colors

XYZ(57.6057, 64.5801, 81.2190)

Have a look what the booklet for
XYZ(57.6057, 64.5801, 81.2190)
contains.

XYZ(57.5747, 64.5478, 81.3760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.5747, 64.5478,
81.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D8E2
RGB	182, 216, 226
RGB Percent	71%, 85%, 89%
CMY	0.2863, 0.1529, 0.1137
CMYK	0.19, 0.04, 0.00, 0.11
HSL	194°, 43%, 80%
HSV	194°, 19%, 89%
XYZ	57.5747, 64.5478, 81.3760
YIQ	206.9740, -23.4740, -4.0980

Conversions

Conversions Part 2

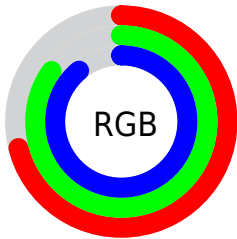
Format	Color
R _Y B	182, 201, 226
Decimal	11983074
CIE Lab	84.25, -9.05, -8.65
CIE LCh	84, 12.525, 223.708
Yxy	64.5478, 0.2829, 0.3172
Android (android.graphics.Color)	4290173154 (0xFFB6D8E2)
YUV	206.9740, 9.3798, -21.9022
Hunter-Lab	80.3416, -12.6806, -3.8142

Details

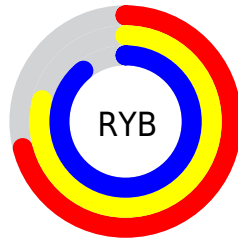
The XYZ color **57.5747, 64.5478, 81.3760** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.6577, 57.2454, 52.2150**, and the grayscale version is **59.2453, 62.3306, 67.8781**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.9976, 33.0192, 43.3731** is the 20% darker color. If you saturate the color by 10%, you get **51.3675, 59.4269, 80.7158**, and if you desaturate by 10%, it is **64.6882, 70.2003, 82.0932**.

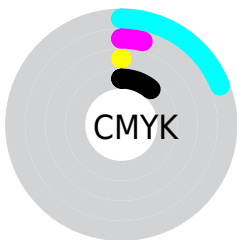
Distribution



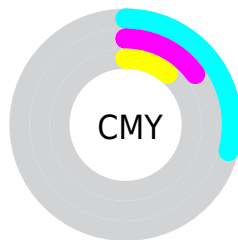
- Red (71%)
- Green (85%)
- Blue (89%)



- Red (71%)
- Yellow (79%)
- Blue (89%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5747, 64.5478, 81.3760 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 57.5747, 64.5478, 81.3760 by changing the saturation by 10% instead.

■ 57.5747, 64.5478,
81.3760

■ 57.5747, 64.5478,
81.3760

405.5788,
441.1652, 519.3866

■ 41.7088, 47.0945,
60.3185

■ 100.4298,
111.3995, 137.1274

■ 29.0634, 33.1104,
43.2484

128.1497,
141.5667, 172.6584

■ 19.2733, 22.2110,
29.7472

160.5516,
176.7406, 213.8510

■ 11.9731, 14.0120,
19.3964

198.0008,
217.3056, 261.1237

■ 6.7974, 8.1290,
11.7773

240.8628,
263.6462, 314.8951

■ 3.3809, 4.1776,
6.4716

289.5029,

■ 1.3583, 1.7734,

316.1468, 375.5837

3.0605

344.2864,
375.1916, 443.6080

■ 0.2262, 0.4705,
1.1256

■ 0.0000, 0.0000,
0.0000

■ 57.5747, 64.5478,
81.3760

■ 57.5747, 64.5478,
81.3760

■ 51.3675, 59.4269,
80.7158

■ 64.6882, 70.2003,
82.0932

■ 46.0192, 54.8076,
80.1060

■ 72.7412, 76.3970,
82.8648

■ 41.4868, 50.6689,
79.5461

■ 81.7719, 83.1598,
83.6942

■ 37.7210, 46.9847,
79.0334

■ 85.1201, 87.0559,
84.2697

■ 34.6670, 43.7263,
78.5655

■ 86.6244, 90.0645,
84.7712

■ 32.2623, 40.8608,
78.1391

■ 88.1716, 93.1590,
85.2869

■ 30.4330, 38.3495,
77.7508

■ 89.7621, 96.3399,
85.8171

■ 29.0581, 36.1295,
77.3948

■ 90.7277, 98.2711,
86.1389

■ 28.9900, 36.0157,
77.3764

Harmonies

Analogous

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



56.3126, 64.5478, 73.9647



57.5747, 64.5478, 81.3760



59.8663, 64.5478, 85.9899

Triad

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



57.5747, 64.5478, 81.3760



66.6150, 64.5478, 74.6553



60.0952, 64.5478, 56.4590

Complementary

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



57.5747, 64.5478, 81.3760



58.6577, 57.2454, 52.2150

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.



62.8595, 64.5478, 56.6132



57.5747, 64.5478, 81.3760



66.6808, 64.5478, 66.7228

Square

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



57.5747, 64.5478, 81.3760



65.1113, 64.5478, 81.9143



65.2884, 64.5478, 60.2443



57.7379, 64.5478, 59.8059

Rectangle

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



57.5747, 64.5478, 81.3760



61.6964, 64.5478, 86.6568



65.2884, 64.5478, 60.2443



61.0064, 64.5478, 56.1113

Sweetspot

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



57.5766, 64.5504, 81.3775



88.5444, 95.0148, 108.2806



55.9517, 68.1241, 59.8000



18.8065, 20.2244, 23.1624



0.0000, 0.0000, 0.0000



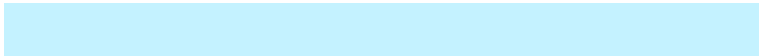
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5766, 64.5504, 81.3775



72.5614, 82.3133, 106.6714



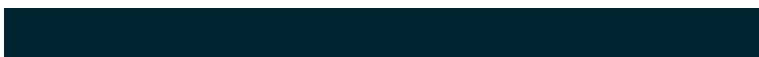
52.4158, 54.2289, 79.6572



13.8387, 15.0165, 17.5568



16.6318, 20.7332, 44.1737



1.2182, 1.5679, 3.0837

Inverse Universe

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



60.4881, 54.5839, 72.3165



77.0371, 67.2892, 92.6759



63.7373, 67.4046, 53.9082



14.1548, 13.8796, 16.5853



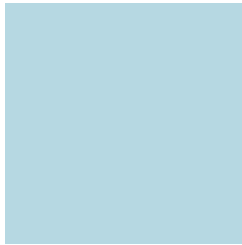
22.3352, 11.0011, 24.2286



1.5812, 0.7757, 1.8532

Previews

White Background



This preview shows how the XYZ color 57.5747, 64.5478, 81.3760 looks on a white background.

Color Contrast Check

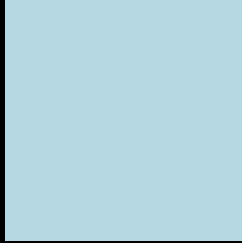
Large Text (above 18pt) WCAG AA × Fail

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 57.5747, 64.5478, 81.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

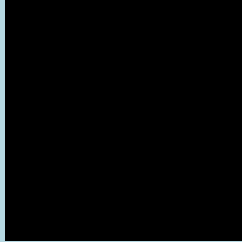
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5747, 64.5478, 81.3760

Background



This preview shows how black text looks on a background with the XYZ color 57.5747, 64.5478, 81.3760.

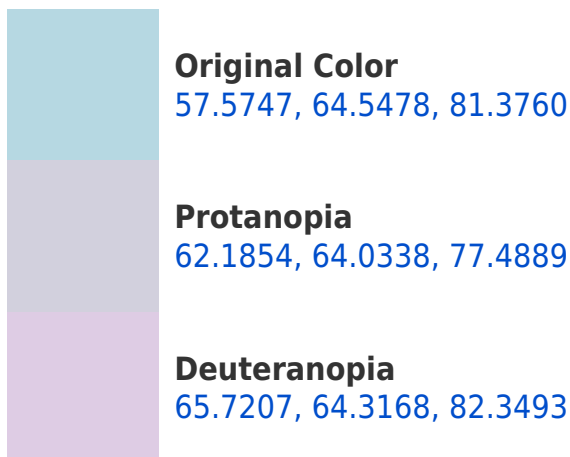


This preview shows how white text looks on a background with the XYZ color 57.5747, 64.5478,

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

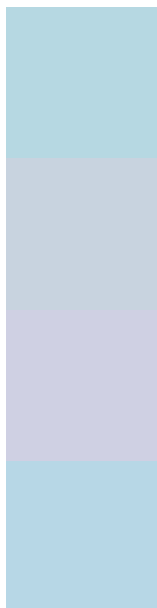




Tritanopia

58.3944, 64.4944, 85.7149

Trichromacy



Original Color

57.5747, 64.5478, 81.3760

Protanomaly

60.4330, 64.1956, 79.0179

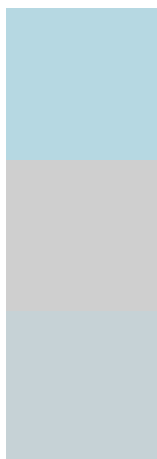
Deuteranomaly

62.1531, 63.9232, 81.7356

Tritanomaly

58.1118, 64.3813, 84.2269

Monochromacy



Original Color

57.5747, 64.5478, 81.3760

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4729, 62.9540, 72.6878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5747, 64.5478, 81.3760 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, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 216, 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, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 216, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.5747, 64.5478, 81.3760 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, 216, 226) }
```


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

```
.border{ border-color:rgb(182, 216, 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, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 216,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5747, 64.5478, 81.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 216, 226) }
```

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

```
.background{ background-color: rgb(182,  
216, 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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