

Converting Colors

XYZ(57.6640, 60.2982, 88.4587)

Have a look what the booklet for
XYZ(57.6640, 60.2982, 88.4587)
contains.

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Color

**XYZ(57.8564, 60.4684,
88.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCDED
RGB	188, 205, 237
RGB Percent	74%, 80%, 93%
CMY	0.2627, 0.1961, 0.0706
CMYK	0.21, 0.14, 0.00, 0.07
HSL	219°, 58%, 83%
HSV	219°, 21%, 93%
XYZ	57.8564, 60.4684, 88.7430
YIQ	203.5650, -20.4040, 6.3480

Conversions

Conversions Part 2

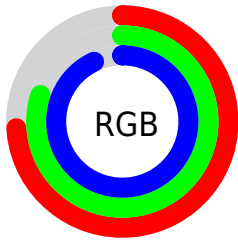
Format	Color
R _Y B	188, 201, 237
Decimal	12373485
CIE Lab	82.09, 0.94, -17.69
CIE LCh	82, 17.720, 273.032
Yxy	60.4684, 0.2794, 0.2920
Android (android.graphics.Color)	4290563565 (0xFFBCCDED)
YUV	203.5650, 16.4835, -13.6505
Hunter-Lab	77.7614, -3.2742, -13.2300

Details

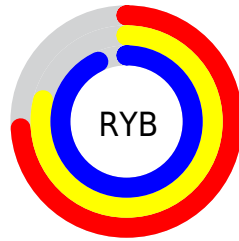
The XYZ color **57.8564, 60.4684, 88.7430** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.5960, 72.8219, 57.9663**, and the grayscale version is **57.0302, 60.0002, 65.3402**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.2386, 30.5377, 48.0694** is the 20% darker color. If you saturate the color by 10%, you get **48.9699, 50.6618, 87.3195**, and if you desaturate by 10%, it is **68.0716, 71.5066, 90.3362**.

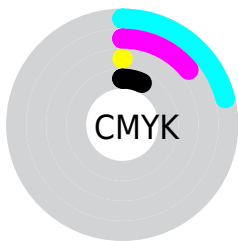
Distribution



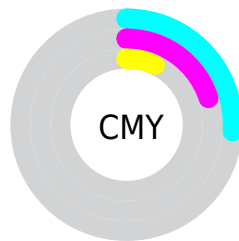
- Red (74%)
- Green (80%)
- Blue (93%)



- Red (74%)
- Yellow (79%)
- Blue (93%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (26%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8564, 60.4684, 88.7430 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 57.8564, 60.4684, 88.7430 by changing the saturation by 10% instead.

■ 57.8564, 60.4684,
88.7430

■ 57.8564, 60.4684,
88.7430

406.6131,
426.3221, 544.3976

■ 41.9360, 43.7963,
66.3707

■ 100.8379,
105.5088, 147.5113

■ 29.2421, 30.5104,
48.1150

128.6297,
134.6460, 184.7445

■ 19.4092, 20.2263,
33.5574

161.1094,
168.7069, 227.7684

■ 12.0721, 12.5597,
22.2792

198.6423,
208.0760, 277.0016

■ 6.8654, 7.1260,
13.8619

241.5937,
253.1377, 332.8625

■ 3.4236, 3.5410,
7.8870

290.3291,

■ 1.3815, 1.4203,

304.2763, 395.7698

3.9360

345.2138,
361.8763, 466.1420

■ 0.2430, 0.2316,
1.5903

■ 0.0000, 0.0000,
0.2839

■ 57.8564, 60.4684,
88.7430

■ 57.8564, 60.4684,
88.7430

■ 48.9699, 50.6618,
87.3195

■ 68.0716, 71.5066,
90.3362

■ 41.3492, 42.0342,
86.0559

■ 79.6636, 83.8117,
92.1003

■ 34.9343, 34.5398,
84.9474

■ 91.1592, 96.6404,
93.9706

■ 29.6581, 28.1265,
83.9876

■ 92.2863, 98.8945,
94.3463

■ 25.4461, 22.7378,
83.1695

■ 22.2142, 18.3110,
82.4853

■ 19.8635, 14.7744,
81.9266

■ 18.3213, 12.1846,
81.5080

Harmonies

Analogous

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



54.2583, 60.4684, 86.0599



57.8564, 60.4684, 88.7430



61.5029, 60.4684, 84.7581

Triad

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



57.8564, 60.4684, 88.7430



63.7468, 60.4684, 55.1912



51.2708, 60.4684, 56.8937

Complementary

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



57.8564, 60.4684, 88.7430



69.5960, 72.8219, 57.9663

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.



53.6238, 60.4684, 49.9694



57.8564, 60.4684, 88.7430



60.8130, 60.4684, 49.0643

Square

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



57.8564, 60.4684, 88.7430



64.9954, 60.4684, 64.7514



57.0921, 60.4684, 47.2609



50.5553, 60.4684, 66.9403

Rectangle

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



57.8564, 60.4684, 88.7430



63.4422, 60.4684, 79.0856



57.0921, 60.4684, 47.2609



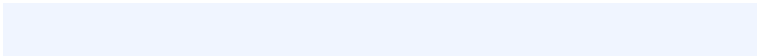
51.8913, 60.4684, 54.1623

Sweetspot

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



57.8583, 60.4709, 88.7444



86.5385, 91.0030, 107.6120



63.9229, 76.4203, 78.9887



18.3323, 19.2759, 23.0044



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.



57.8583, 60.4709, 88.7444



63.4862, 66.1037, 104.0210



55.8669, 53.7311, 87.5484



14.6586, 15.4037, 19.1229



10.1132, 6.8735, 44.5367



0.8812, 0.7138, 3.5262

Inverse Universe

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



63.9292, 58.3803, 65.6594



71.9827, 63.4537, 71.6513



71.8833, 80.9655, 59.4176



15.2812, 15.1403, 16.7663



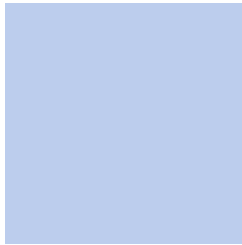
19.9600, 10.1867, 5.5907



1.6113, 0.8175, 0.6704

Previews

White Background



This preview shows how the XYZ color 57.8564, 60.4684, 88.7430 looks on a white background.

Color Contrast Check

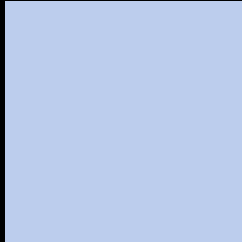
Large Text (above 18pt) WCAG AA × Fail

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 57.8564, 60.4684, 88.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

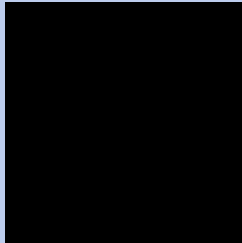
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8564, 60.4684, 88.7430

Background



This preview shows how black text looks on a background with the XYZ color 57.8564, 60.4684, 88.7430.



This preview shows how white text looks on a background with the XYZ color 57.8564, 60.4684,

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

57.8564, 60.4684, 88.7430

Protanopia

59.4046, 60.2450, 87.0947

Deuteranopia

61.5882, 60.2853, 89.2791



Tritanopia

55.7750, 60.3218, 79.2246

Trichromacy



Original Color

57.8564, 60.4684, 88.7430

Protanomaly

58.7444, 60.2373, 87.8877

Deuteranomaly

60.1387, 60.2257, 89.3440

Tritanomaly

56.4639, 60.2389, 82.7800

Monochromacy



Original Color

57.8564, 60.4684, 88.7430

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2762, 60.1494, 73.5570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8564, 60.4684, 88.7430 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, 205, 237)` looks like.

```
.text, #text, p{  
    color:rgb(188, 205, 237)  
}
```

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, 205, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 205, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.8564, 60.4684, 88.7430 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, 205, 237) }
```


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

```
.border{ border-color:rgb(188, 205, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 205, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 205, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 205, 237);  
box-shadow:4px 4px 4px 4px rgb(188, 205,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8564, 60.4684, 88.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 205, 237) }
```

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

```
.background{ background-color: rgb(188,  
205, 237) }
```

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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