

Converting Colors

XYZ(57.1832, 60.7606, 87.3265)

Have a look what the booklet for
XYZ(57.1832, 60.7606, 87.3265)
contains.

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Color

**XYZ(57.3158, 60.9381,
87.3386)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CFEB
RGB	185, 207, 235
RGB Percent	73%, 81%, 92%
CMY	0.2745, 0.1882, 0.0784
CMYK	0.21, 0.12, 0.00, 0.08
HSL	214°, 56%, 82%
HSV	214°, 21%, 92%
XYZ	57.3158, 60.9381, 87.3386
YIQ	203.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

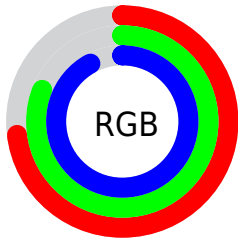
Format	Color
R _Y B	185, 200, 235
Decimal	12177387
CIE Lab	82.35, -1.48, -16.27
CIE LCh	82, 16.334, 264.806
Yxy	60.9381, 0.2788, 0.2964
Android (android.graphics.Color)	4290367467 (0xFFB9CFEB)
YUV	203.6140, 15.4733, -16.3245
Hunter-Lab	78.0629, -5.5506, -11.6911

Details

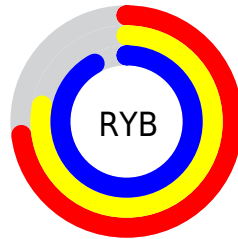
The XYZ color **57.3158, 60.9381, 87.3386** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.8127, 68.7536, 55.6497**, and the grayscale version is **57.0680, 60.0400, 65.3835**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.8880, 30.8624, 47.0823** is the 20% darker color. If you saturate the color by 10%, you get **49.0524, 52.1424, 86.0774**, and if you desaturate by 10%, it is **66.7857, 70.7533, 88.7350**.

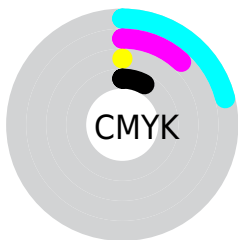
Distribution



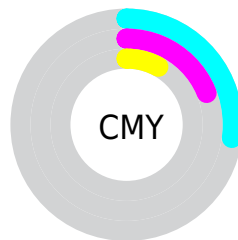
- Red (73%)
- Green (81%)
- Blue (92%)



- Red (73%)
- Yellow (78%)
- Blue (92%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3158, 60.9381, 87.3386 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 57.3158, 60.9381, 87.3386 by changing the saturation by 10% instead.

■ 57.3158, 60.9381,
87.3386

■ 57.3158, 60.9381,
87.3386

404.6267,
428.0470, 539.6799

■ 41.5000, 44.1752,
65.2142

■ 100.0545,
106.1893, 145.5390

■ 28.8993, 30.8083,
47.1824

127.7082,
135.4464, 182.4522

■ 19.1486, 20.4529,
32.8245

160.0384,
169.6371, 225.1320

■ 11.8823, 12.7247,
21.7220

197.4106,
209.1456, 273.9970

■ 6.7352, 7.2392,
13.4564

240.1902,
254.3565, 329.4657

■ 3.3419, 3.6122,
7.6092

288.7425,

■ 1.3371, 1.4591,

305.6541, 391.9568

3.7617

343.4329,
363.4228, 461.8887

■ 0.2107, 0.2597,
1.4956

■ 0.0000, 0.0000,
0.2146

■ 57.3158, 60.9381,
87.3386

■ 57.3158, 60.9381,
87.3386

■ 49.0524, 52.1424,
86.0774

■ 66.7857, 70.7533,
88.7350

■ 41.9374, 44.3220,
84.9429

■ 77.5055, 81.6150,
90.2665

■ 35.9160, 37.4405,
83.9320

■ 89.3379, 93.4629,
91.9298

■ 30.9267, 31.4555,
83.0397

■ 91.9956, 98.7782,
92.8157

■ 26.9007, 26.3209,
82.2609

■ 23.7601, 21.9852,
81.5895

■ 21.4127, 18.3890,
81.0191

■ 19.8868, 15.7808,
80.5961

Harmonies

Analogous

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



54.1460, 60.9381, 83.2875



57.3158, 60.9381, 87.3386



60.7746, 60.9381, 85.3239

Triad

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



57.3158, 60.9381, 87.3386



64.2126, 60.9381, 58.6270



52.6187, 60.9381, 55.9017

Complementary

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



57.3158, 60.9381, 87.3386



66.8127, 68.7536, 55.6497

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.



55.1559, 60.9381, 50.4227



57.3158, 60.9381, 87.3386



61.8651, 60.9381, 51.8822

Square

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



57.3158, 60.9381, 87.3386



64.8470, 60.9381, 68.1024



58.5281, 60.9381, 49.0280



51.5044, 60.9381, 64.6304

Rectangle

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



57.3158, 60.9381, 87.3386



62.7675, 60.9381, 80.9072



58.5281, 60.9381, 49.0280



53.3284, 60.9381, 53.6550

Sweetspot

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



57.3177, 60.9406, 87.3400



86.9709, 91.8679, 107.7562



61.6640, 74.5108, 73.7518



18.4344, 19.4801, 23.0384



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.



57.3177, 60.9406, 87.3400



64.0009, 68.0785, 104.3750



52.9618, 51.3255, 85.7137



14.7766, 15.6397, 19.1622



11.1902, 9.0274, 44.8956



0.9731, 0.8976, 3.5568

Inverse Universe

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



62.8739, 56.8666, 66.6968



72.0117, 62.5817, 74.5280



71.9076, 80.1601, 57.5829



15.3408, 15.1642, 17.0800



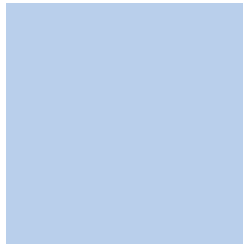
20.5036, 10.4041, 8.4532



1.6577, 0.8360, 0.9146

Previews

White Background



This preview shows how the XYZ color 57.3158, 60.9381, 87.3386 looks on a white background.

Color Contrast Check

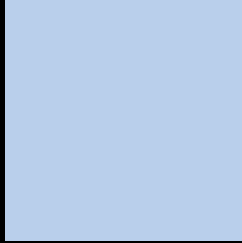
Large Text (above 18pt) WCAG AA × Fail

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 57.3158, 60.9381, 87.3386 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 57.3158, 60.9381, 87.3386

Background



This preview shows how black text looks on a background with the XYZ color 57.3158, 60.9381, 87.3386.



This preview shows how white text looks on a background with the XYZ color 57.3158, 60.9381,

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

57.3158, 60.9381, 87.3386

Protanopia

59.7408, 60.8174, 84.9342

Deuteranopia

62.2348, 60.9783, 88.6106



Tritanopia

55.9195, 61.1045, 80.0812

Trichromacy



Original Color

57.3158, 60.9381, 87.3386

Protanomaly

58.8065, 60.6710, 85.7020

Deuteranomaly

60.3157, 61.0474, 87.9612

Tritanomaly

56.4659, 60.9592, 82.9190

Monochromacy



Original Color

57.3158, 60.9381, 87.3386

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1230, 60.4393, 72.9452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3158, 60.9381, 87.3386 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(185, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(185, 207, 235)  
}
```

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(185, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 207, 235) }
```

Border

The CSS property to change the border of an element to XYZ 57.3158, 60.9381, 87.3386 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(185, 207, 235) }
```


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

```
.border{ border-color:rgb(185, 207, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 207, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(185, 207,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3158, 60.9381, 87.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 207, 235) }
```

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

```
.background{ background-color: rgb(185,  
207, 235) }
```

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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