

Converting Colors

XYZ(57.8182, 58.5984, 93.0573)

Have a look what the booklet for
XYZ(57.8182, 58.5984, 93.0573)
contains.

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Color

**XYZ(57.8182, 58.5984,
93.0573)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC8F3
RGB	189, 200, 243
RGB Percent	74%, 78%, 95%
CMY	0.2588, 0.2157, 0.0471
CMYK	0.22, 0.18, 0.00, 0.05
HSL	228°, 69%, 85%
HSV	228°, 22%, 95%
XYZ	57.8182, 58.5984, 93.0573
YIQ	201.6130, -20.3590, 11.0410

Conversions

Conversions Part 2

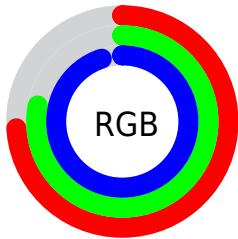
Format	Color
R_{YB}	189, 198, 243
Decimal	12437747
CIE _{Lab}	81.07, 5.25, -22.44
CIE _{LCh}	81, 23.042, 283.165
Yxy	58.5984, 0.2760, 0.2797
Android (android.graphics.Color)	4290627827 (0xFFBDC8F3)
YUV	201.6130, 20.4038, -11.0616
Hunter-Lab	76.5496, 0.8599, -18.4910

Details

The XYZ color **57.8182, 58.5984, 93.0573** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.0048, 80.4423, 59.7195**, and the grayscale version is **55.7856, 58.6908, 63.9143**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.2402, 29.2965, 51.1274** is the 20% darker color. If you saturate the color by 10%, you get **48.0869, 47.3461, 91.3993**, and if you desaturate by 10%, it is **69.1302, 71.5103, 94.9543**.

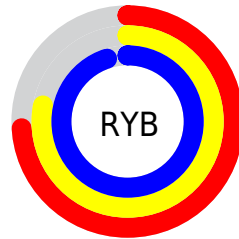
Distribution



Red (74%)

Green (78%)

Blue (95%)



Red (74%)

Yellow (78%)

Blue (95%)

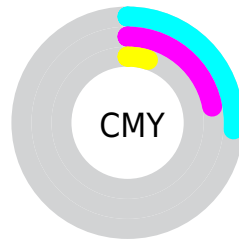


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8182, 58.5984, 93.0573 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 57.8182, 58.5984, 93.0573 by changing the saturation by 10% instead.

■ 57.8182, 58.5984,
93.0573

■ 57.8182, 58.5984,
93.0573

406.4730,
419.4120, 558.7514

■ 41.9052, 42.2899,
69.9312

■ 100.7826,
102.7938, 153.5503

■ 29.2179, 29.3284,
50.9940

128.5646,
131.4494, 191.7543

■ 19.3908, 19.3294,
35.8271

161.0338,
164.9896, 235.8214

■ 12.0587, 11.9085,
24.0121

198.5553,
203.7987, 286.1701

■ 6.8561, 6.6814,
15.1303

241.4947,
248.2611, 343.2189

■ 3.4178, 3.2637,
8.7632

290.2172,

■ 1.3784, 1.2709,

298.7612, 407.3863

4.4924

345.0881,
355.6834, 479.0910

■ 0.2407, 0.1185,
1.8992

■ 0.0000, 0.0000,
0.4922

■ 57.8182, 58.5984,
93.0573

■ 57.8182, 58.5984,
93.0573

■ 48.0869, 47.3461,
91.3993

■ 69.1302, 71.5103,
94.9543

■ 39.8593, 37.6782,
89.9668

■ 82.0842, 86.1388,
97.0951

■ 33.0604, 29.5241,
88.7512

■ 93.1778, 99.2511,
99.0414

■ 27.6060, 22.8048,
87.7418

■ 23.4030, 17.4340,
86.9266

■ 20.3458, 13.3155,
86.2928

■ 18.3095, 10.3387,
85.8255

■ 17.2975, 8.7105,
85.5646

Harmonies

Analogous

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



53.0734, 58.5984, 92.4968



57.8182, 58.5984, 93.0573



62.2310, 58.5984, 85.0196

Triad

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



57.8182, 58.5984, 93.0573



62.6807, 58.5984, 47.4203



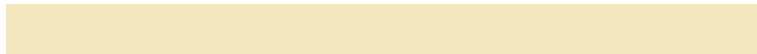
47.3449, 58.5984, 56.4720

Complementary

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



57.8182, 58.5984, 93.0573



75.0048, 80.4423, 59.7195

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.



49.6353, 58.5984, 46.4481



57.8182, 58.5984, 93.0573



58.4036, 58.5984, 41.7582

Square

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



57.8182, 58.5984, 93.0573



65.1448, 58.5984, 57.9878



53.6264, 58.5984, 41.4299



47.2082, 58.5984, 69.9960

Rectangle

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



57.8182, 58.5984, 93.0573



64.3168, 58.5984, 76.4543



53.6264, 58.5984, 41.4299



47.8822, 58.5984, 52.6317

Sweetspot

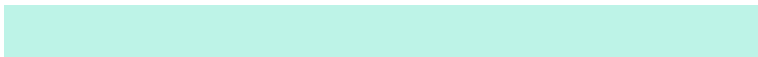
The Sweet Spot groups the original color and five complimentary colors.



57.8200, 58.6008, 93.0586



84.4173, 88.0347, 107.1509



67.5044, 80.7077, 87.8451



17.8819, 18.6319, 22.9038



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.



57.8200, 58.6008, 93.0586



59.0315, 59.0685, 102.8978



59.3609, 55.7477, 92.4267



15.8546, 16.4735, 20.8866



9.5696, 4.9330, 46.9858



0.9112, 0.5739, 4.1530

Inverse Universe

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



65.5866, 59.6216, 62.6974



69.2766, 60.6195, 62.8016



73.1369, 84.2214, 60.5473



16.6372, 16.5377, 17.8360



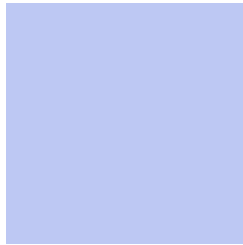
20.6348, 10.5974, 2.7853



1.8490, 0.9456, 0.4313

Previews

White Background



This preview shows how the XYZ color 57.8182, 58.5984, 93.0573 looks on a white background.

Color Contrast Check

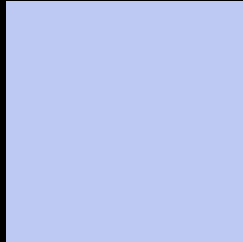
Large Text (above 18pt) WCAG AA × Fail

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 57.8182, 58.5984, 93.0573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

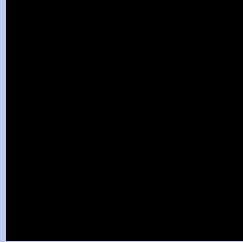
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8182, 58.5984, 93.0573

Background



This preview shows how black text looks on a background with the XYZ color 57.8182, 58.5984, 93.0573.



This preview shows how white text looks on a background with the XYZ color 57.8182, 58.5984,

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

57.8182, 58.5984, 93.0573

Protanopia

58.1887, 58.4641, 92.2222

Deuteranopia

59.8486, 58.6063, 93.7457



Tritanopia

54.5187, 58.6673, 76.1606

Trichromacy



Original Color

57.8182, 58.5984, 93.0573

Protanomaly

57.9363, 58.3340, 92.2104

Deuteranomaly

59.0289, 58.5219, 93.7727

Tritanomaly

55.6092, 58.7524, 81.8082

Monochromacy



Original Color

57.8182, 58.5984, 93.0573

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4370, 58.6534, 73.9923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8182, 58.5984, 93.0573 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, 200, 243)` looks like.

```
.text, #text, p{  
    color:rgb(189, 200, 243)  
}
```

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, 200, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 200, 243) }
```

Border

The CSS property to change the border of an element to XYZ 57.8182, 58.5984, 93.0573 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, 200, 243) }
```


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

```
.border{ border-color:rgb(189, 200, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 200, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 200, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 200, 243);  
box-shadow:4px 4px 4px 4px rgb(189, 200,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8182, 58.5984, 93.0573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 200, 243) }
```

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

```
.background{ background-color: rgb(189,  
200, 243) }
```

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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