

Converting Colors

XYZ(58.1243, 59.9361,
103.1131)

Have a look what the booklet for
XYZ(58.1243, 59.9361, 103.1131)
contains.

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Color

**XYZ(58.2333, 59.9894,
103.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CCFF
RGB	179, 204, 255
RGB Percent	70%, 80%, 100%
CMY	0.2980, 0.2000, 0.0000
CMYK	0.30, 0.20, 0.00, 0.00
HSL	220°, 100%, 85%
HSV	220°, 30%, 100%
XYZ	58.2333, 59.9894, 103.1176
YIQ	202.3390, -31.2710, 10.5610

Conversions

Conversions Part 2

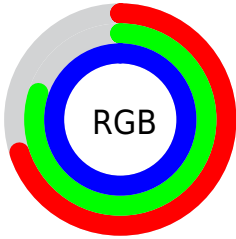
Format	Color
RYB	179, 198, 255
Decimal	11783423
CIELab	81.83, 2.97, -27.73
CIELCh	82, 27.888, 276.123
Yxy	59.9894, 0.2631, 0.2710
Android (android.graphics.Color)	4289973503 (0xFFB3CCFF)
YUV	202.3390, 25.9619, -20.4683
Hunter-Lab	77.4528, -1.3363, -24.7194

Details

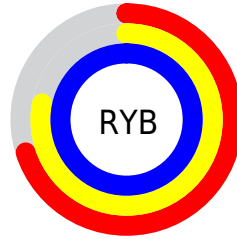
The XYZ color **58.2333, 59.9894, 103.1176** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.6739, 81.1084, 54.2115**, and the grayscale version is **56.2091, 59.1363, 64.3994**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **29.4116, 30.1750, 57.7003** is the 20% darker color. If you saturate the color by 10%, you get **49.0297, 49.5364, 101.5851**, and if you desaturate by 10%, it is **68.9770, 71.9024, 104.8508**.

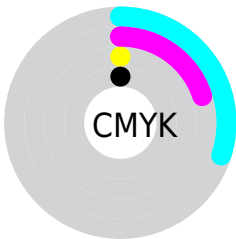
Distribution



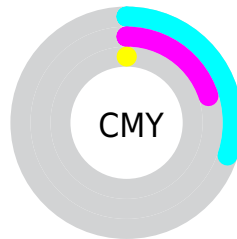
- Red (70%)
- Green (80%)
- Blue (100%)



- Red (70%)
- Yellow (78%)
- Blue (100%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2333, 59.9894, 103.1176 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 58.2333, 59.9894, 103.1176 by changing the saturation by 10% instead.

■ 58.2333, 59.9894,
103.1176

■ 58.2333, 59.9894,
103.1176

407.9946,
424.5587, 591.4742

■ 42.2402, 43.4101,
78.2754

■ 101.3835,
104.8143, 167.5240

■ 29.4814, 30.2070,
57.7824

129.2714,
133.8287, 207.9253

■ 19.5914, 19.9958,
41.2202

161.8549,
167.7568, 254.3501

■ 12.2049, 12.3920,
28.1702

199.4994,
206.9832, 307.2168

■ 6.9566, 7.0112,
18.2138

242.5703,
251.8922, 366.9440

■ 3.4810, 3.4691,
10.9326

291.4329,

■ 1.4130, 1.3813,

302.8682, 433.9503

5.9079

346.4525,
360.2956, 508.6542

■ 0.2654, 0.2029,
2.7213

■ 0.0000, 0.0000,
0.9541

■ 58.2333, 59.9894,
103.1176

■ 58.2333, 59.9894,
103.1176

■ 49.0297, 49.5364,
101.5851

■ 68.9770, 71.9024,
104.8508

■ 41.2863, 40.4769,
100.2445

■ 81.3249, 85.3247,
106.7908

■ 34.9240, 32.7487,
99.0882

95.0500, 100.0000,
108.9000

■ 29.8529, 26.2820,
98.1073

■ 25.9719, 20.9993,
97.2921

■ 23.1624, 16.8123,
96.6320

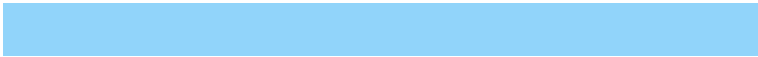
■ 21.2440, 13.5987,
96.1129

■ 21.2115, 13.5429,
96.1038

Harmonies

Analogous

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



52.5606, 59.9894, 99.6485



58.2333, 59.9894, 103.1176



63.9505, 59.9894, 95.1387

Triad

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



58.2333, 59.9894, 103.1176



66.6527, 59.9894, 48.0199



47.2867, 59.9894, 53.0623

Complementary

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



58.2333, 59.9894, 103.1176



77.6739, 81.1084, 54.2115

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.



50.6058, 59.9894, 42.4878



58.2333, 59.9894, 103.1176



61.7208, 59.9894, 39.9459

Square

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



58.2333, 59.9894, 103.1176



69.0220, 59.9894, 61.9231



55.8200, 59.9894, 38.1102



46.4935, 59.9894, 68.8353

Rectangle

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



58.2333, 59.9894, 103.1176



66.9354, 59.9894, 85.0929



55.8200, 59.9894, 38.1102



48.1323, 59.9894, 48.8723

Sweetspot

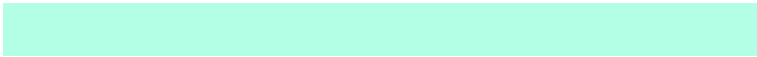
The Sweet Spot groups the original color and five complimentary colors.



58.2350, 59.9917, 103.1180



82.3873, 86.4689, 106.9556



68.5876, 86.7987, 87.7575



17.2237, 18.0655, 22.8291



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.



58.2350, 59.9917, 103.1180



52.3535, 53.3442, 102.1449



55.8256, 50.6251, 101.4370



17.4910, 18.3537, 22.8707



11.2043, 7.3181, 50.2566



1.1860, 0.9026, 4.9250

Inverse Universe

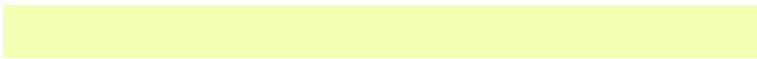
The Inverse Universe completely reimagines the original color for something new.



68.2604, 57.8615, 64.6998



64.0429, 51.3936, 57.2302



80.6298, 93.7112, 56.4883



18.2557, 18.0856, 19.9639



22.4436, 11.4667, 5.7205



2.2332, 1.1357, 0.8096

Previews

White Background



This preview shows how the XYZ color 58.2333, 59.9894, 103.1176 looks on a white background.

Color Contrast Check

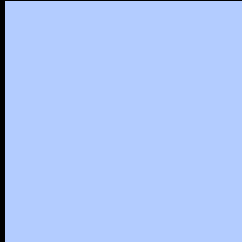
Large Text (above 18pt) WCAG AA × Fail

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 58.2333, 59.9894, 103.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

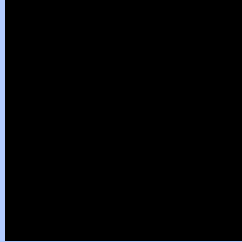
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

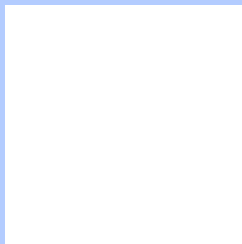
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2333, 59.9894, 103.1176

Background



This preview shows how black text looks on a background with the XYZ color 58.2333, 59.9894, 103.1176.



This preview shows how white text looks on a background with the XYZ color 58.2333, 59.9894,

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

58.2333, 59.9894, 103.1176

Protanopia

60.1021, 59.9415, 101.3307

Deuteranopia

61.2384, 59.8026, 102.9232



Tritanopia

53.7615, 59.9762, 80.6945

Trichromacy



Original Color

58.2333, 59.9894, 103.1176

Protanomaly

59.5034, 59.9616, 102.2035

Deuteranomaly

60.1718, 59.9404, 103.0060

Tritanomaly

55.2781, 59.8540, 88.7603

Monochromacy



Original Color

58.2333, 59.9894, 103.1176

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6552, 59.4017, 76.8862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2333, 59.9894, 103.1176 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(179, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 204, 255)  
}
```

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(179, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.2333, 59.9894, 103.1176 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(179, 204, 255) }
```


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

```
.border{ border-color:rgb(179, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2333, 59.9894, 103.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 204, 255) }
```

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

```
.background{ background-color: rgb(179,  
204, 255) }
```

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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