

Converting Colors

XYZ(72.7957, 64.5893,
175.6468)

Have a look what the booklet for
XYZ(72.7957, 64.5893, 175.6468)
contains.

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Color

**XYZ(58.9540, 58.9677,
102.8824)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC8FF
RGB	186, 200, 255
RGB Percent	73%, 78%, 100%
CMY	0.2706, 0.2157, 0.0000
CMYK	0.27, 0.22, 0.00, 0.00
HSL	228°, 100%, 86%
HSV	228°, 27%, 100%
XYZ	58.9540, 58.9677, 102.8824
YIQ	202.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

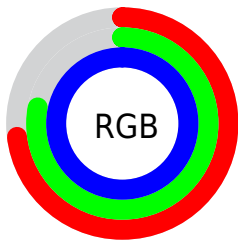
Format	Color
R_{YB}	186, 198, 255
Decimal	12241151
CIE _{Lab}	81.27, 7.13, -28.54
CIE _{LCh}	81, 29.419, 284.020
Yxy	58.9677, 0.2670, 0.2671
Android (android.graphics.Color)	4290431231 (0xFFBAC8FF)
YUV	202.0840, 26.0876, -14.1057
Hunter-Lab	76.7904, 2.6558, -25.6823

Details

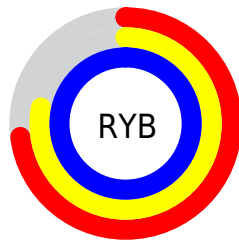
The XYZ color **58.9540, 58.9677, 102.8824** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5583, 87.7154, 59.0884**, and the grayscale version is **56.0469, 58.9657, 64.2137**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.8320, 29.4603, 57.5402** is the 20% darker color. If you saturate the color by 10%, you get **48.9045, 47.2584, 101.1520**, and if you desaturate by 10%, it is **70.7382, 72.5029, 104.8739**.

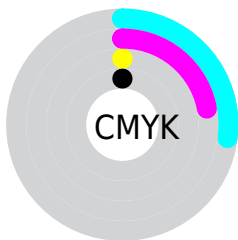
Distribution



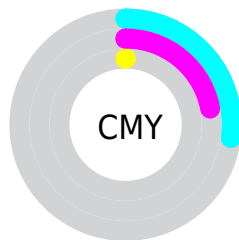
- Red (73%)
- Green (78%)
- Blue (100%)



- Red (73%)
- Yellow (78%)
- Blue (100%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9540, 58.9677, 102.8824 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 58.9540, 58.9677, 102.8824 by changing the saturation by 10% instead.

■ 58.9540, 58.9677,
102.8824

■ 58.9540, 58.9677,
102.8824

410.6282,
420.7822, 590.7203

■ 42.8223, 42.5871,
78.0797

■ 102.4258,
103.3307, 167.1990

■ 29.9396, 29.5613,
57.6226

130.4967,
132.0819, 207.5499

■ 19.9406, 19.5058,
41.0926

163.2779,
165.7255, 253.9206

■ 12.4599, 12.0364,
28.0712

201.1350,
204.6458, 306.7297

■ 7.1321, 6.7684,
18.1398

244.4332,
249.2272, 366.3957

■ 3.5919, 3.3177,
10.8800

293.5379,

■ 1.4740, 1.2998,

299.8542, 433.3371

5.8730

348.8145,
356.9110, 507.9724

■ 0.3080, 0.1410,
2.7005

■ 0.0000, 0.0000,
0.9437

■ 58.9540, 58.9677,
102.8824

■ 58.9540, 58.9677,
102.8824

■ 48.9045, 47.2584,
101.1520

■ 70.7382, 72.5029,
104.8739

■ 40.5011, 37.2890,
99.6706

■ 84.3295, 87.9317,
107.1356

■ 33.6554, 28.9764,
98.4269

95.0500, 100.0000,
108.9000

■ 28.2679, 22.2278,
97.4083

■ 24.2273, 16.9407,
96.6007

■ 21.4053, 12.9994,
95.9887

■ 19.6432, 10.2669,
95.5541

■ 19.2666, 9.6532,
95.4555

Harmonies

Analogous

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



52.8614, 58.9677, 102.4733



58.9540, 58.9677, 102.8824



64.6516, 58.9677, 91.6960

Triad

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



58.9540, 58.9677, 102.8824



64.9660, 58.9677, 43.4722



45.4531, 58.9677, 55.3460

Complementary

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



58.9540, 58.9677, 102.8824



81.5583, 87.7154, 59.0884

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.



48.2420, 58.9677, 42.8451



58.9540, 58.9677, 102.8824



59.3581, 58.9677, 36.8935

Square

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



58.9540, 58.9677, 102.8824



68.2901, 58.9677, 56.3633



53.2372, 58.9677, 36.6871



45.3623, 58.9677, 72.7440

Rectangle

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



58.9540, 58.9677, 102.8824



67.3355, 58.9677, 80.1732



53.2372, 58.9677, 36.6871



46.0964, 58.9677, 50.5131

Sweetspot

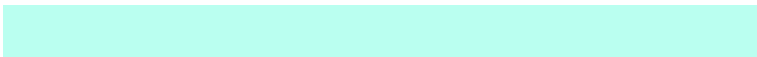
The Sweet Spot groups the original color and five complimentary colors.



58.9557, 58.9700, 102.8828



82.9693, 86.3948, 106.9106



71.7462, 88.2538, 95.7308



17.3015, 17.9746, 22.8075



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.



58.9557, 58.9700, 102.8828



53.7766, 52.9587, 101.9955



60.9391, 55.3970, 102.0886



17.3015, 17.9746, 22.8075



10.1508, 5.2111, 49.9054



1.0614, 0.6535, 4.8835

Inverse Universe

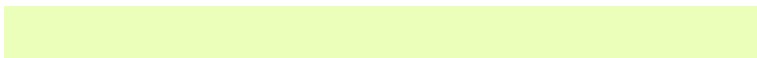
The Inverse Universe completely reimagines the original color for something new.



69.2254, 60.5495, 62.6847



65.5501, 55.0167, 55.8557



79.0333, 92.8043, 60.2037



18.1601, 18.0473, 19.4601



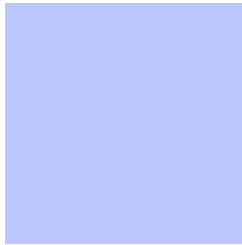
21.9118, 11.2540, 2.9202



2.1704, 1.1105, 0.4786

Previews

White Background



This preview shows how the XYZ color 58.9540, 58.9677, 102.8824 looks on a white background.

Color Contrast Check

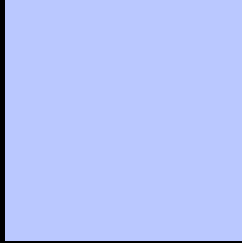
Large Text (above 18pt) WCAG AA × Fail

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 58.9540, 58.9677, 102.8824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

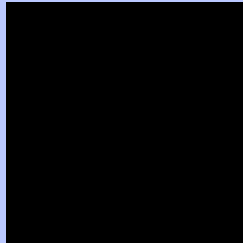
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9540, 58.9677, 102.8824

Background



This preview shows how black text looks on a background with the XYZ color 58.9540, 58.9677, 102.8824.



This preview shows how white text looks on a background with the XYZ color 58.9540, 58.9677,

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

58.9540, 58.9677, 102.8824

Protanopia

59.2125, 58.7582, 102.8284

Deuteranopia

60.2364, 58.9456, 102.8106



Tritanopia

53.8465, 59.0002, 77.6574

Trichromacy



Original Color

58.9540, 58.9677, 102.8824

Protanomaly

58.9669, 58.6316, 102.8169

Deuteranomaly

59.7086, 59.0140, 102.8516

Tritanomaly

55.7356, 59.0713, 86.3062

Monochromacy



Original Color

58.9540, 58.9677, 102.8824

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7027, 58.7295, 76.7540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9540, 58.9677, 102.8824 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(186, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 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(186, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.9540, 58.9677, 102.8824 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(186, 200, 255) }
```


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

```
.border{ border-color:rgb(186, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9540, 58.9677, 102.8824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 255) }
```

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

```
.background{ background-color: rgb(186,  
200, 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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