

Converting Colors

XYZ(58.2363, 58.3921,
100.4274)

Have a look what the booklet for
XYZ(58.2363, 58.3921, 100.4274)
contains.

XYZ(58.2438, 58.3142, 100.2815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.2438, 58.3142,
100.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7FC
RGB	186, 199, 252
RGB Percent	73%, 78%, 99%
CMY	0.2706, 0.2196, 0.0118
CMYK	0.26, 0.21, 0.00, 0.01
HSL	228°, 92%, 86%
HSV	228°, 26%, 99%
XYZ	58.2438, 58.3142, 100.2815
YIQ	201.1550, -24.7610, 13.7270

Conversions

Conversions Part 2

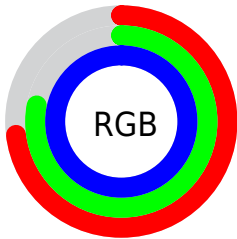
Format	Color
R _Y B	186, 197, 252
Decimal	12240892
CIE Lab	80.91, 6.96, -27.50
CIE LCh	81, 28.365, 284.209
Yxy	58.3142, 0.2686, 0.2689
Android (android.graphics.Color)	4290430972 (0xFFBAC7FC)
YUV	201.1550, 25.0666, -13.2909
Hunter-Lab	76.3637, 2.5082, -24.4055

Details

The XYZ color **58.2438, 58.3142, 100.2815** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8752, 85.9742, 58.8409**, and the grayscale version is **55.4754, 58.3644, 63.5589**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.4914, 29.0965, 55.6916** is the 20% darker color. If you saturate the color by 10%, you get **48.3028, 46.7322, 98.5709**, and if you desaturate by 10%, it is **69.8873, 71.6956, 102.2517**.

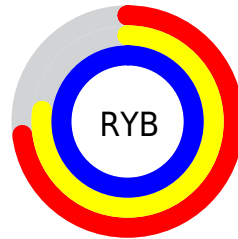
Distribution



Red (73%)

Green (78%)

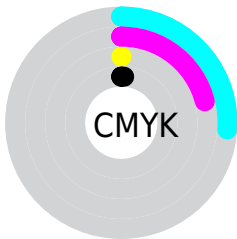
Blue (99%)



Red (73%)

Yellow (77%)

Blue (99%)

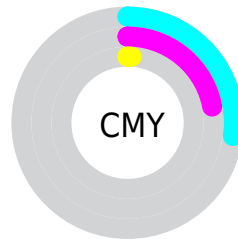


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (27%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2438, 58.3142, 100.2815 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 58.2438, 58.3142, 100.2815 by changing the saturation by 10% instead.

■ 58.2438, 58.3142,
100.2815

■ 58.2438, 58.3142,
100.2815

408.0330,
418.3557, 582.3492

■ 42.2487, 42.0613,
75.9175

■ 101.3987,
102.3803, 163.5992

■ 29.4880, 29.1493,
55.8586

129.2893,
130.9622, 203.3900

■ 19.5965, 19.1938,
39.6863

161.8757,
164.4226, 249.1601

■ 12.2086, 11.8104,
26.9821

199.5233,
203.1459, 301.3280

■ 6.9591, 6.6147,
17.3275

242.5975,
247.5165, 360.3124

■ 3.4827, 3.2223,
10.3038

291.4636,

■ 1.4138, 1.2489,

297.9187, 426.5316

5.4926

346.4870,
354.7370, 500.4044

■ 0.2661, 0.1011,
2.4754

■ 0.0000, 0.0000,
0.8271

■ 58.2438, 58.3142,
100.2815

■ 58.2438, 58.3142,
100.2815

■ 48.3028, 46.7322,
98.5709

■ 69.8873, 71.6956,
102.2517

■ 39.9776, 36.8650,
97.1051

■ 83.3031, 86.9424,
104.4875

■ 33.1825, 28.6313,
95.8740

94.5709, 99.8084,
106.3770

■ 27.8211, 21.9402,
94.8650

■ 23.7857, 16.6916,
94.0646

■ 20.9525, 12.7726,
93.4575

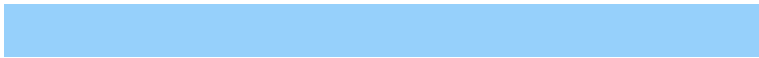
■ 19.1717, 10.0515,
93.0262

■ 18.6962, 9.2790,
92.9021

Harmonies

Analogous

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



52.4099, 58.3142, 99.9686



58.2438, 58.3142, 100.2815



63.6772, 58.3142, 89.6067

Triad

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



58.2438, 58.3142, 100.2815



63.9192, 58.3142, 43.5109



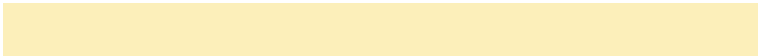
45.2558, 58.3142, 55.0953

Complementary

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



58.2438, 58.3142, 100.2815



79.8752, 85.9742, 58.8409

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.



47.9201, 58.3142, 43.0223



58.2438, 58.3142, 100.2815



58.5554, 58.3142, 37.1851

Square

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



58.2438, 58.3142, 100.2815



67.1073, 58.3142, 55.8832



52.7004, 58.3142, 37.0236



45.1854, 58.3142, 71.7668

Rectangle

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



58.2438, 58.3142, 100.2815



66.2260, 58.3142, 78.6274



52.7004, 58.3142, 37.0236



45.8689, 58.3142, 50.4392

Sweetspot

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



58.2457, 58.3165, 100.2828



82.9340, 86.3240, 106.8989



70.6119, 86.2814, 94.4401



17.2927, 17.9569, 22.8046



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.



58.2457, 58.3165, 100.2828



54.6880, 53.9339, 102.1357



60.5293, 55.2410, 99.5689



16.5598, 17.1965, 21.8317



9.8197, 4.9950, 48.4201



0.9799, 0.6034, 4.5080

Inverse Universe

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



68.0142, 59.9385, 62.0198



66.2171, 56.0757, 56.9256



77.0183, 90.3565, 59.8374



17.3844, 17.2811, 18.6138



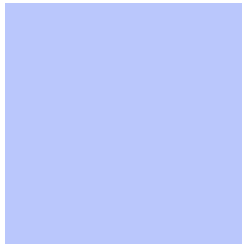
21.2486, 10.9151, 2.7513



2.0035, 1.0251, 0.4419

Previews

White Background



This preview shows how the XYZ color 58.2438, 58.3142, 100.2815 looks on a white background.

Color Contrast Check

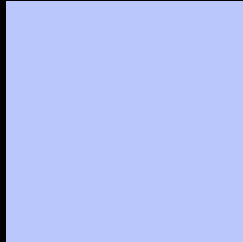
Large Text (above 18pt) WCAG AA × Fail

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 58.2438, 58.3142, 100.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

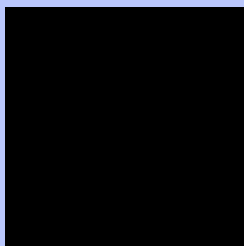
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2438, 58.3142, 100.2815

Background



This preview shows how black text looks on a background with the XYZ color 58.2438, 58.3142, 100.2815.



This preview shows how white text looks on a background with the XYZ color 58.2438, 58.3142,

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

58.2438, 58.3142, 100.2815

Protanopia

58.7331, 58.5665, 100.3044

Deuteranopia

59.5293, 58.2982, 100.2106



Tritanopia

53.7049, 58.5864, 76.8844

Trichromacy



Original Color

58.2438, 58.3142, 100.2815

Protanomaly

58.4876, 58.4399, 100.2929

Deuteranomaly

59.0000, 58.3636, 100.2511

Tritanomaly

55.2128, 58.4832, 84.7223

Monochromacy



Original Color

58.2438, 58.3142, 100.2815

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3375, 58.2116, 75.9768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2438, 58.3142, 100.2815 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, 199, 252)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 252)  
}
```

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, 199, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.2438, 58.3142, 100.2815 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, 199, 252) }
```


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

```
.border{ border-color:rgb(186, 199, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 199, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 199, 252); box-shadow:4px 4px 4px 4px rgb(186, 199, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2438, 58.3142, 100.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 252) }
```

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

```
.background{ background-color: rgb(186,  
199, 252) }
```

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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