

Converting Colors

XYZ(61.9358, 66.2239, 93.5070)

Have a look what the booklet for
XYZ(61.9358, 66.2239, 93.5070)
contains.

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Color

**XYZ(61.8133, 66.0880,
93.5028)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD7F2
RGB	191, 215, 242
RGB Percent	75%, 84%, 95%
CMY	0.2510, 0.1568, 0.0510
CMYK	0.21, 0.11, 0.00, 0.05
HSL	212°, 66%, 85%
HSV	212°, 21%, 95%
XYZ	61.8133, 66.0880, 93.5028
YIQ	210.9020, -22.9710, 3.3090

Conversions

Conversions Part 2

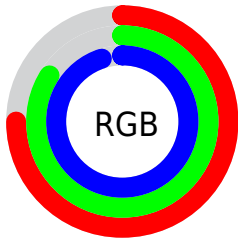
Format	Color
R _{YB}	191, 207, 242
Decimal	12572658
CIE Lab	85.04, -2.33, -15.89
CIE LCh	85, 16.062, 261.671
Yxy	66.0880, 0.2792, 0.2985
Android (android.graphics.Color)	4290762738 (0xFFBFD7F2)
YUV	210.9020, 15.3313, -17.4541
Hunter-Lab	81.2945, -6.5407, -11.2876

Details

The XYZ color **61.8133, 66.0880, 93.5028** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.0941, 72.7819, 59.5930**, and the grayscale version is **61.7667, 64.9833, 70.7668**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.7503, 34.0051, 51.3446** is the 20% darker color. If you saturate the color by 10%, you get **53.0879, 56.9368, 92.1974**, and if you desaturate by 10%, it is **71.8037, 76.2738, 94.9434**.

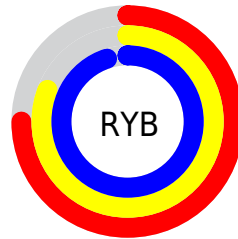
Distribution



Red (75%)

Green (84%)

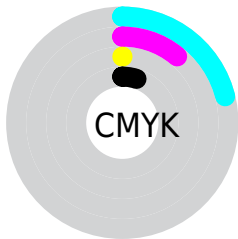
Blue (95%)



Red (75%)

Yellow (81%)

Blue (95%)

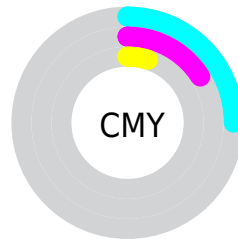


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8133, 66.0880, 93.5028 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 61.8133, 66.0880, 93.5028 by changing the saturation by 10% instead.

■ 61.8133, 66.0880,
93.5028

■ 61.8133, 66.0880,
93.5028

420.9782,
446.6915, 560.2221

■ 45.1369, 48.3438,
70.2995

■ 106.5471,
113.6126, 154.1723

■ 31.7670, 34.0993,
51.2924

135.3352,
144.1619, 192.4755

■ 21.3383, 22.9699,
36.0630

168.8913,
179.7483, 236.6491

■ 13.4854, 14.5713,
24.1928

207.5806,
220.7563, 287.1117

■ 7.8429, 8.5190,
15.2632

251.7686,
267.5702, 344.2817

■ 4.0455, 4.4288,
8.8556

301.8207,

■ 1.7279, 1.9162,

320.5744, 408.5778

4.5516

358.1021,
380.1534, 480.4184

■ 0.4737, 0.5581,
1.9326

■ 0.0000, 0.0000,
0.5133

■ 61.8133, 66.0880,
93.5028

■ 61.8133, 66.0880,
93.5028

■ 53.0879, 56.9368,
92.1974

■ 71.8037, 76.2738,
94.9434

■ 45.5662, 48.7752,
91.0185

■ 83.1047, 87.5212,
96.5187

■ 39.1909, 41.5661,
89.9630

■ 92.5305, 98.1975,
98.0827

■ 33.8968, 35.2668,
89.0261

■ 93.0272, 99.1909,
98.2482

■ 29.6118, 29.8303,
88.2026

■ 26.2536, 25.2042,
87.4867

■ 23.7247, 21.3276,
86.8717

■ 22.0325, 18.4215,
86.4000

Harmonies

Analogous

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



58.6025, 66.0880, 88.7281



61.8133, 66.0880, 93.5028



65.4160, 66.0880, 92.0849

Triad

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



61.8133, 66.0880, 93.5028



69.4969, 66.0880, 64.8564



57.5192, 66.0880, 60.3075

Complementary

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



61.8133, 66.0880, 93.5028



71.0941, 72.7819, 59.5930

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.



60.2832, 66.0880, 55.0018



61.8133, 66.0880, 93.5028



67.2240, 66.0880, 57.4475

Square

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



61.8133, 66.0880, 93.5028



69.9449, 66.0880, 74.8805



63.8268, 66.0880, 54.0074



56.1863, 66.0880, 69.1137

Rectangle

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



61.8133, 66.0880, 93.5028



67.5493, 66.0880, 87.8731



63.8268, 66.0880, 54.0074



58.3066, 66.0880, 58.0918

Sweetspot

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



61.8153, 66.0907, 93.5043



87.1138, 92.1536, 107.8038



65.8093, 79.6099, 77.7837



18.4681, 19.5476, 23.0496



0.0000, 0.0000, 0.0000



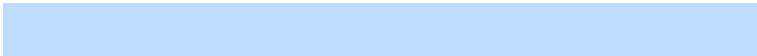
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8153, 66.0907, 93.5043



65.5220, 70.1753, 104.6995



56.3596, 54.8609, 91.6243



15.5107, 16.4555, 20.0803



11.9703, 10.1649, 46.4590



1.0946, 1.0432, 3.8979

Inverse Universe

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



67.5161, 61.0468, 72.5176



73.0102, 63.8647, 77.0624



77.4842, 85.9943, 61.8065



16.0825, 15.8827, 17.9904



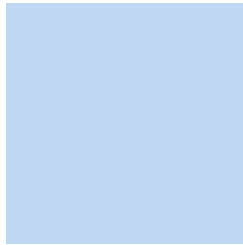
21.3677, 10.8195, 9.8527



1.8275, 0.9200, 1.0823

Previews

White Background



This preview shows how the XYZ color 61.8133, 66.0880, 93.5028 looks on a white background.

Color Contrast Check

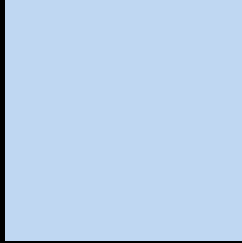
Large Text (above 18pt) WCAG AA × Fail

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 61.8133, 66.0880, 93.5028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

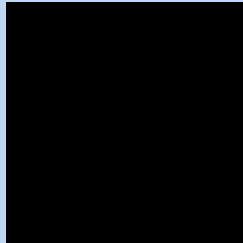
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

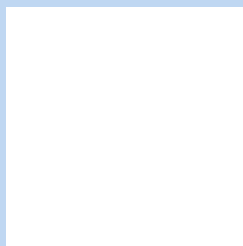
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8133, 66.0880, 93.5028

Background



This preview shows how black text looks on a background with the XYZ color 61.8133, 66.0880, 93.5028.



This preview shows how white text looks on a background with the XYZ color 61.8133, 66.0880,

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

61.8133, 66.0880, 93.5028

Protanopia

64.6390, 65.7351, 90.9427

Deuteranopia

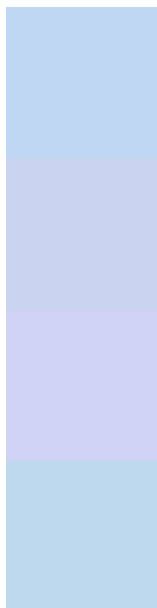
67.5554, 66.0627, 94.7788



Tritanopia

60.3934, 65.8711, 87.3732

Trichromacy



Original Color

61.8133, 66.0880, 93.5028

Protanomaly

63.6288, 65.9348, 91.8112

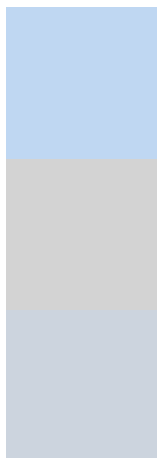
Deuteranomaly

65.2367, 65.9741, 94.0900

Tritanomaly

61.0771, 66.1733, 89.6744

Monochromacy



Original Color

61.8133, 66.0880, 93.5028

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.6301, 65.1983, 78.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8133, 66.0880, 93.5028 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(191, 215, 242)` looks like.

```
.text, #text, p{  
    color:rgb(191, 215, 242)  
}
```

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(191, 215, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 215, 242) }
```

Border

The CSS property to change the border of an element to XYZ 61.8133, 66.0880, 93.5028 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(191, 215, 242) }
```


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

```
.border{ border-color:rgb(191, 215, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 215, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 215, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 215, 242);  
box-shadow:4px 4px 4px 4px rgb(191, 215,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8133, 66.0880, 93.5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 215, 242) }
```

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

```
.background{ background-color: rgb(191,  
215, 242) }
```

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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