

Converting Colors

XYZ(60.5266, 65.6647, 93.9916)

Have a look what the booklet for
XYZ(60.5266, 65.6647, 93.9916)
contains.

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Color

**XYZ(60.7411, 65.8971,
94.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D8F3
RGB	185, 216, 243
RGB Percent	73%, 85%, 95%
CMY	0.2745, 0.1529, 0.0471
CMYK	0.24, 0.11, 0.00, 0.05
HSL	208°, 71%, 84%
HSV	208°, 24%, 95%
XYZ	60.7411, 65.8971, 94.3120
YIQ	209.8090, -27.1430, 1.8250

Conversions

Conversions Part 2

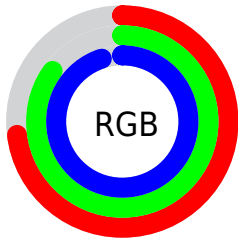
Format	Color
R _Y B	185, 205, 243
Decimal	12179699
CIE Lab	84.94, -4.43, -16.61
CIE LCh	85, 17.187, 255.076
Yxy	65.8971, 0.2749, 0.2982
Android (android.graphics.Color)	4290369779 (0xFFB9D8F3)
YUV	209.8090, 16.3632, -21.7575
Hunter-Lab	81.1770, -8.4963, -12.0596

Details

The XYZ color **60.7411, 65.8971, 94.3120** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.2633, 69.6447, 55.6927**, and the grayscale version is **61.0438, 64.2228, 69.9387**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **31.0746, 33.9029, 51.9198** is the 20% darker color. If you saturate the color by 10%, you get **52.5740, 57.5334, 93.1292**, and if you desaturate by 10%, it is **70.1136, 75.1816, 95.6112**.

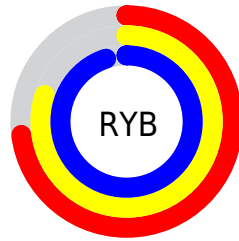
Distribution



Red (73%)

Green (85%)

Blue (95%)



Red (73%)

Yellow (80%)

Blue (95%)

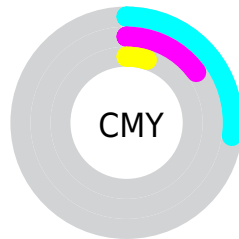


Cyan (24%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7411, 65.8971, 94.3120 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 60.7411, 65.8971, 94.3120 by changing the saturation by 10% instead.

■ 60.7411, 65.8971,
94.3120

■ 60.7411, 65.8971,
94.3120

417.1152,
446.0088, 562.8880

■ 44.2680, 48.1889,
70.9688

■ 105.0042,
113.3386, 155.3012

■ 31.0801, 33.9765,
51.8350

133.5250,
143.8407, 193.7842

■ 20.8120, 22.8755,
36.4923

166.7923,
179.3762, 238.1508

■ 13.0983, 14.5016,
24.5219

205.1715,
220.3296, 288.8197

■ 7.5737, 8.4704,
15.5055

249.0281,
267.0851, 346.2093

■ 3.8729, 4.3974,
9.0243

298.7273,

■ 1.6305, 1.8982,

320.0272, 410.7382

4.6600

354.6346,
379.5403, 482.8249

■ 0.4122, 0.5473,
1.9940

■ 0.0000, 0.0000,
0.5516

■ 60.7411, 65.8971,
94.3120

■ 60.7411, 65.8971,
94.3120

■ 52.5740, 57.5334,
93.1292

■ 70.1136, 75.1816,
95.6112

■ 45.5513, 50.0483,
92.0546

■ 80.7367, 85.4111,
97.0258

■ 39.6155, 43.4076,
91.0856

■ 91.5841, 96.0637,
98.5102

■ 34.7013, 37.5714,
90.2181

■ 93.1779, 99.2511,
99.0415

■ 30.7354, 32.4954,
89.4474

■ 27.6337, 28.1294,
88.7681

■ 25.2943, 24.4139,
88.1743

■ 24.1459, 22.4072,
87.8475

Harmonies

Analogous

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



57.5368, 65.8971, 87.8778



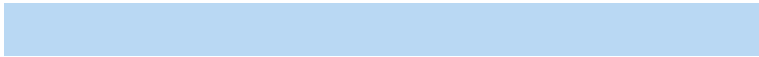
60.7411, 65.8971, 94.3120



64.5835, 65.8971, 94.2946

Triad

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



60.7411, 65.8971, 94.3120



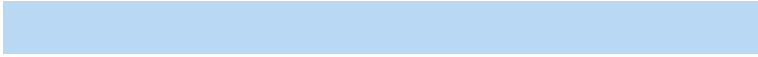
70.0766, 65.8971, 66.3629



57.5237, 65.8971, 57.7626

Complementary

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



60.7411, 65.8971, 94.3120



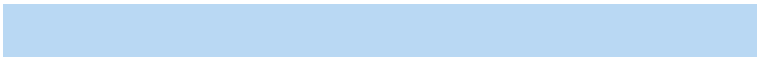
69.2633, 69.6447, 55.6927

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.



60.7226, 65.8971, 53.1210



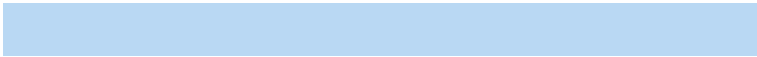
60.7411, 65.8971, 94.3120



68.0220, 65.8971, 57.7283

Square

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



60.7411, 65.8971, 94.3120



70.0821, 65.8971, 77.3655



64.5642, 65.8971, 53.1091



55.7318, 65.8971, 66.4144

Rectangle

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



60.7411, 65.8971, 94.3120



66.9959, 65.8971, 90.5904



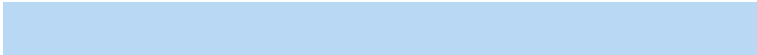
64.5642, 65.8971, 53.1091



58.4642, 65.8971, 55.7228

Sweetspot

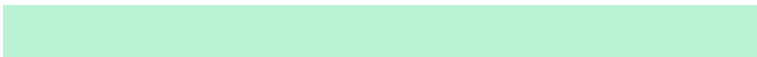
The Sweet Spot groups the original color and five complimentary colors.



60.7431, 65.8998, 94.3135



86.1916, 91.5832, 107.7423



63.8299, 79.1249, 73.6036



18.2922, 19.4526, 23.0406



0.0000, 0.0000, 0.0000



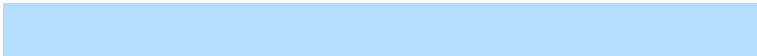
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7431, 65.8998, 94.3135



62.8630, 68.5402, 104.5241



54.1486, 52.7107, 92.1153



16.3147, 17.3937, 21.0400



13.3884, 12.5706, 48.2587



1.2795, 1.3105, 4.2757

Inverse Universe

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



66.7074, 58.7121, 72.7854



70.7690, 59.5261, 75.8720



76.9098, 84.9377, 58.2415



16.8694, 16.6306, 19.0590



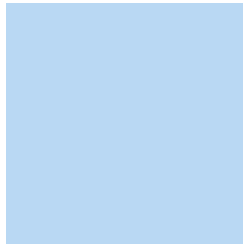
22.5624, 11.3684, 12.9356



2.0349, 1.0199, 1.4102

Previews

White Background



This preview shows how the XYZ color 60.7411, 65.8971, 94.3120 looks on a white background.

Color Contrast Check

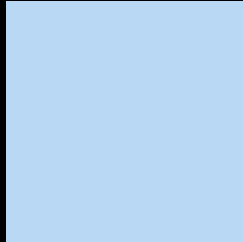
Large Text (above 18pt) WCAG AA × Fail

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 60.7411, 65.8971, 94.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

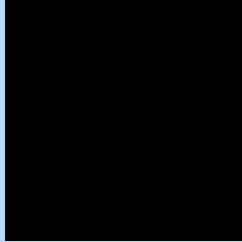
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

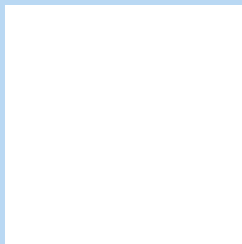
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7411, 65.8971, 94.3120

Background



This preview shows how black text looks on a background with the XYZ color 60.7411, 65.8971, 94.3120.



This preview shows how white text looks on a background with the XYZ color 60.7411, 65.8971,

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

60.7411, 65.8971, 94.3120

Protanopia

64.3587, 65.5906, 90.9295

Deuteranopia

66.8716, 65.3341, 95.4724



Tritanopia

59.3367, 65.6911, 88.1495

Trichromacy



Original Color

60.7411, 65.8971, 94.3120

Protanomaly

62.8248, 65.5204, 91.7735

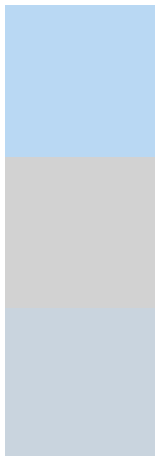
Deuteranomaly

64.5526, 65.6040, 94.8485

Tritanomaly

60.0126, 65.9891, 90.4631

Monochromacy



Original Color

60.7411, 65.8971, 94.3120

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8157, 64.7784, 78.4054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7411, 65.8971, 94.3120 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(185, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(185, 216, 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(185, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 216, 243) }
```

Border

The CSS property to change the border of an element to XYZ 60.7411, 65.8971, 94.3120 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(185, 216, 243) }
```


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

```
.border{ border-color:rgb(185, 216, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 216, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(185, 216,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7411, 65.8971, 94.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 216, 243) }
```

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

```
.background{ background-color: rgb(185,  
216, 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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