

Converting Colors

XYZ(60.4707, 65.9096,
103.2522)

Have a look what the booklet for
XYZ(60.4707, 65.9096, 103.2522)
contains.

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Color

**XYZ(60.6067, 66.0116,
103.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D9FE
RGB	176, 217, 254
RGB Percent	69%, 85%, 100%
CMY	0.3098, 0.1490, 0.0039
CMYK	0.31, 0.15, 0.00, 0.00
HSL	208°, 98%, 84%
HSV	208°, 31%, 100%
XYZ	60.6067, 66.0116, 103.3131
YIQ	208.9590, -36.3130, 2.8150

Conversions

Conversions Part 2

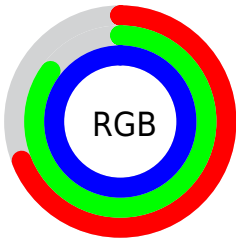
Format	Color
R _Y B	176, 203, 254
Decimal	11590142
CIE Lab	85.00, -5.00, -22.39
CIE LCh	85, 22.939, 257.420
Yxy	66.0116, 0.2636, 0.2871
Android (android.graphics.Color)	4289780222 (0xFFB0D9FE)
YUV	208.9590, 22.2052, -28.9050
Hunter-Lab	81.2475, -9.0308, -18.5190

Details

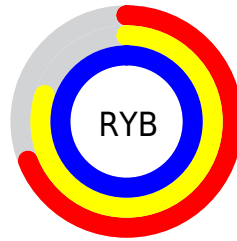
The XYZ color **60.6067, 66.0116, 103.3131** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.5046, 71.7944, 51.1123**, and the grayscale version is **60.4560, 63.6045, 69.2653**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **30.8835, 33.9368, 57.7461** is the 20% darker color. If you saturate the color by 10%, you get **52.3994, 57.3389, 102.0728**, and if you desaturate by 10%, it is **70.1194, 75.6969, 104.6823**.

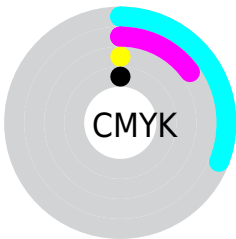
Distribution



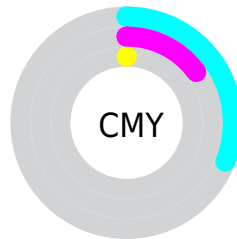
- Red (69%)
- Green (85%)
- Blue (100%)



- Red (69%)
- Yellow (80%)
- Blue (100%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6067, 66.0116, 103.3131 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 60.6067, 66.0116, 103.3131 by changing the saturation by 10% instead.

■ 60.6067, 66.0116,
103.3131

■ 60.6067, 66.0116,
103.3131

416.6294,
446.4184, 592.1005

■ 44.1592, 48.2818,
78.4381

■ 104.8106,
113.5030, 167.7942

■ 30.9941, 34.0501,
57.9153

133.2977,
144.0334, 208.2373

■ 20.7462, 22.9321,
41.3263

166.5287,
179.5994, 254.7069

■ 13.0500, 14.5434,
28.2525

204.8689,
220.5855, 307.6215

■ 7.5402, 8.4996,
18.2754

248.6837,
267.3761, 367.3996

■ 3.8515, 4.4162,
10.9764

298.3385,

■ 1.6185, 1.9090,

320.3555, 434.4598

5.9370

354.1987,
379.9081, 509.2206

■ 0.4044, 0.5538,
2.7386

■ 0.0000, 0.0000,
0.9628

■ 60.6067, 66.0116,
103.3131

■ 60.6067, 66.0116,
103.3131

■ 52.3994, 57.3389,
102.0728

■ 70.1194, 75.6969,
104.6823

■ 45.4263, 49.6304,
100.9524

■ 80.9913, 86.4249,
106.1800

■ 39.6187, 42.8447,
99.9488

■ 93.2805, 98.2337,
107.8116

■ 34.8977, 36.9336,
99.0566

94.8896, 99.9358,
108.0554

■ 31.1734, 31.8429,
98.2703

■ 28.3389, 27.5091,
97.5832

■ 26.3485, 24.0737,
97.0250

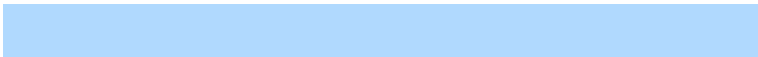
Harmonies

Analogous

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



56.2681, 66.0116, 94.8836



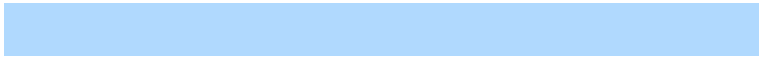
60.6067, 66.0116, 103.3131



65.7582, 66.0116, 102.5244

Triad

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



60.6067, 66.0116, 103.3131



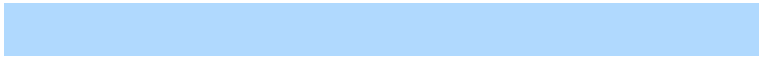
72.6884, 66.0116, 63.7032



55.7191, 66.0116, 54.3194

Complementary

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



60.6067, 66.0116, 103.3131



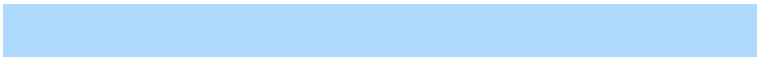
72.5046, 71.7944, 51.1123

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.



59.8196, 66.0116, 48.0384



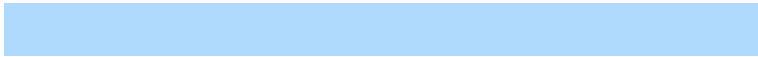
60.6067, 66.0116, 103.3131



69.6945, 66.0116, 52.9242

Square

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



60.6067, 66.0116, 103.3131



72.9277, 66.0116, 78.2408



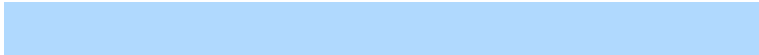
64.9270, 66.0116, 47.5654



53.5519, 66.0116, 65.8650

Rectangle

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



60.6067, 66.0116, 103.3131



68.9635, 66.0116, 96.8753



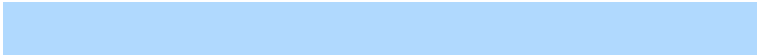
64.9270, 66.0116, 47.5654



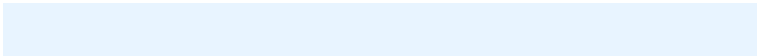
56.9065, 66.0116, 51.5953

Sweetspot

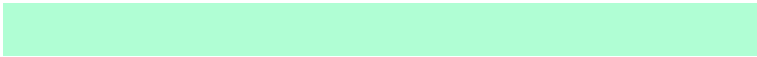
The Sweet Spot groups the original color and five complimentary colors.



60.6088, 66.0142, 103.3146



83.7300, 89.1542, 107.4032



65.2819, 84.8887, 75.4982



17.5536, 18.7254, 22.9391



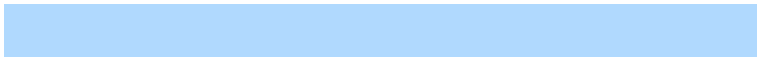
0.0000, 0.0000, 0.0000



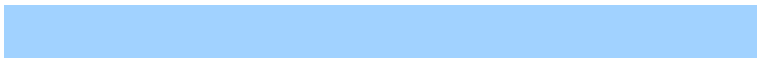
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6088, 66.0142, 103.3146



55.7850, 60.9758, 103.4371



51.8355, 48.4677, 100.3902



17.7933, 18.9582, 22.9714



14.0401, 12.9897, 51.2019



1.4765, 1.4836, 5.0218

Inverse Universe

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



68.9244, 57.1330, 73.0436



65.5874, 51.2930, 67.5777



83.3330, 93.4512, 54.7217



18.4083, 18.1466, 20.7673



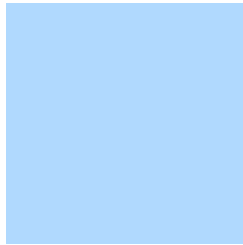
23.8750, 12.0393, 13.2580



2.3799, 1.1943, 1.5818

Previews

White Background



This preview shows how the XYZ color 60.6067, 66.0116, 103.3131 looks on a white background.

Color Contrast Check

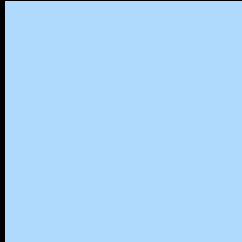
Large Text (above 18pt) WCAG AA × Fail

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 60.6067, 66.0116, 103.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

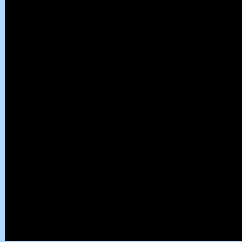
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

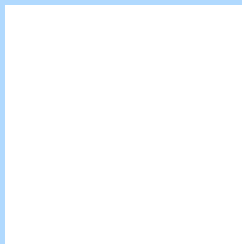
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6067, 66.0116, 103.3131

Background



This preview shows how black text looks on a background with the XYZ color 60.6067, 66.0116, 103.3131.



This preview shows how white text looks on a background with the XYZ color 60.6067, 66.0116,

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

60.6067, 66.0116, 103.3131

Protanopia

65.0473, 65.7701, 98.8891

Deuteranopia

66.9412, 65.5473, 103.7315



Tritanopia

57.8925, 66.0715, 89.8226

Trichromacy



Original Color

60.6067, 66.0116, 103.3131

Protanomaly

63.4550, 66.0229, 100.6660

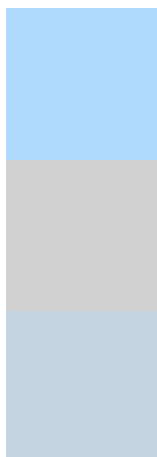
Deuteranomaly

64.6330, 65.8143, 103.9046

Tritanomaly

58.7428, 66.0183, 94.4408

Monochromacy



Original Color

60.6067, 66.0116, 103.3131

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1600, 64.3935, 80.4926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6067, 66.0116, 103.3131 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(176, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(176, 217, 254)  
}
```

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(176, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 217, 254) }
```

Border

The CSS property to change the border of an element to XYZ 60.6067, 66.0116, 103.3131 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(176, 217, 254) }
```


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

```
.border{ border-color:rgb(176, 217, 254) }
```

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

Here you see how a box with a 4 pixel rgb(176, 217, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(176, 217,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6067, 66.0116, 103.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 217, 254) }
```

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

```
.background{ background-color: rgb(176,  
217, 254) }
```

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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