

Converting Colors

XYZ(59.6405, 64.4918,
102.1919)

Have a look what the booklet for
XYZ(59.6405, 64.4918, 102.1919)
contains.

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Color

**XYZ(59.6807, 64.4151,
102.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D6FD
RGB	176, 214, 253
RGB Percent	69%, 84%, 99%
CMY	0.3098, 0.1608, 0.0078
CMYK	0.30, 0.15, 0.00, 0.01
HSL	210°, 95%, 84%
HSV	210°, 30%, 99%
XYZ	59.6807, 64.4151, 102.2164
YIQ	207.0840, -35.1670, 4.0730

Conversions

Conversions Part 2

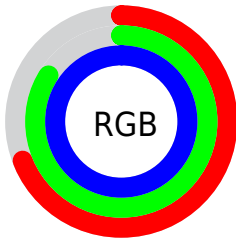
Format	Color
RYB	176, 201, 253
Decimal	11589373
CIELab	84.18, -3.66, -23.11
CIELCh	84, 23.394, 260.997
Yxy	64.4151, 0.2637, 0.2846
Android (android.graphics.Color)	4289779453 (0xFFB0D6FD)
YUV	207.0840, 22.6366, -27.2607
Hunter-Lab	80.2590, -7.7205, -19.3293

Details

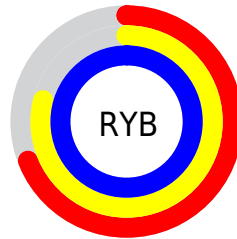
The XYZ color **59.6807, 64.4151, 102.2164** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.6460, 72.6189, 51.2641**, and the grayscale version is **59.2389, 62.3240, 67.8708**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **30.2471, 32.8467, 56.9704** is the 20% darker color. If you saturate the color by 10%, you get **51.3684, 55.5049, 100.9358**, and if you desaturate by 10%, it is **69.3183, 74.3902, 103.6349**.

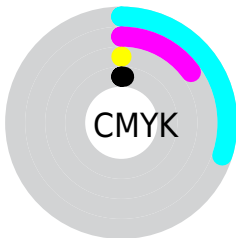
Distribution



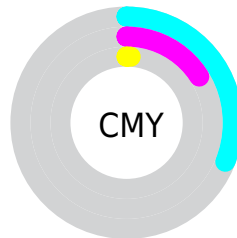
- Red (69%)
- Green (84%)
- Blue (99%)



- Red (69%)
- Yellow (79%)
- Blue (99%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (31%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6807, 64.4151, 102.2164 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 59.6807, 64.4151, 102.2164 by changing the saturation by 10% instead.

■ 59.6807, 64.4151,
102.2164

■ 59.6807, 64.4151,
102.2164

413.2735,
440.6871, 588.5828

■ 43.4098, 46.9870,
77.5257

■ 103.4753,
111.2085, 166.2781

■ 30.4027, 33.0253,
57.1703

131.7298,
141.3426, 206.4861

■ 20.2940, 22.1459,
40.7317

164.7094,
176.4808, 252.7036

■ 12.7185, 13.9641,
27.7914

202.7797,
217.0075, 305.3492

■ 7.3106, 8.0957,
17.9308

246.3058,
263.3071, 364.8414

■ 3.7052, 4.1563,
10.7314

295.6533,

■ 1.5367, 1.7613,

315.7639, 431.5986

5.7746

351.1874,
374.7625, 506.0396

■ 0.3506, 0.4629,
2.6420

■ 0.0000, 0.0000,
0.9140

■ 59.6807, 64.4151,
102.2164

■ 59.6807, 64.4151,
102.2164

■ 51.3684, 55.5049,
100.9358

■ 69.3183, 74.3902,
103.6349

■ 44.3100, 47.6098,
99.7839

■ 80.3353, 85.4620,
105.1914

■ 38.4365, 40.6866,
98.7571

■ 92.7904, 97.6704,
106.8914

■ 33.6687, 34.6851,
97.8500

94.7298, 99.8719,
107.2141

■ 29.9168, 29.5494,
97.0565

■ 27.0743, 25.2144,
96.3696

■ 25.0461, 21.7245,
95.8028

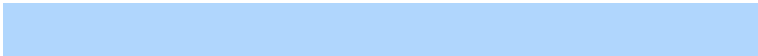
Harmonies

Analogous

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



55.1733, 64.4151, 94.6955



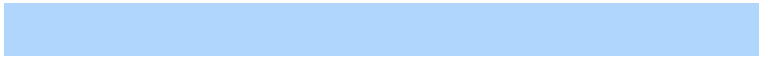
59.6807, 64.4151, 102.2164



64.8598, 64.4151, 100.2481

Triad

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



59.6807, 64.4151, 102.2164



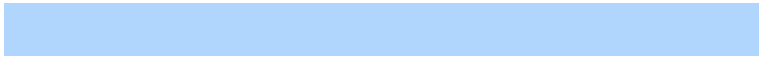
70.9921, 64.4151, 60.4134



53.8129, 64.4151, 53.6873

Complementary

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



59.6807, 64.4151, 102.2164



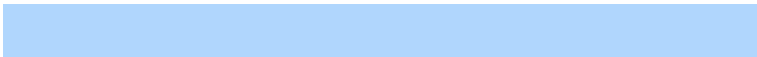
72.6460, 72.6189, 51.2641

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.



57.7279, 64.4151, 46.7542



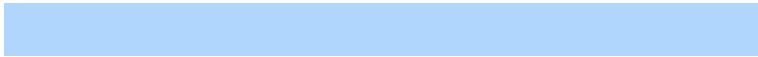
59.6807, 64.4151, 102.2164



67.7030, 64.4151, 50.2404

Square

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



59.6807, 64.4151, 102.2164



71.5878, 64.4151, 74.6916



62.7949, 64.4151, 45.5880



51.9132, 64.4151, 65.7716

Rectangle

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



59.6807, 64.4151, 102.2164



67.9871, 64.4151, 93.9188



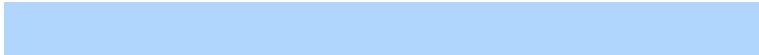
62.7949, 64.4151, 45.5880



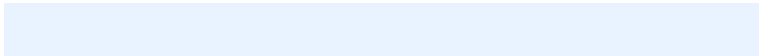
54.9261, 64.4151, 50.7526

Sweetspot

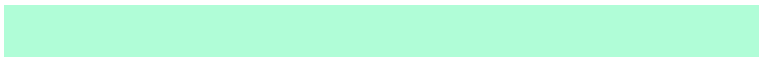
The Sweet Spot groups the original color and five complimentary colors.



59.6827, 64.4176, 102.2179



83.5083, 88.7109, 107.3293



65.2329, 84.3627, 76.8008



17.4991, 18.6162, 22.9209



0.0000, 0.0000, 0.0000



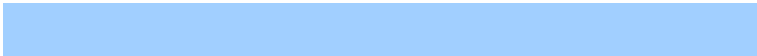
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6827, 64.4176, 102.2179



55.0423, 59.4903, 103.1895



51.1612, 47.3745, 99.3774



17.7434, 18.8584, 22.9548



13.4687, 11.8470, 51.0114



1.4205, 1.3716, 5.0032

Inverse Universe

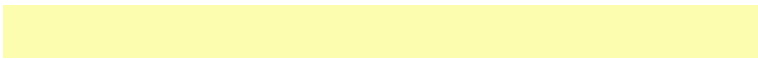
The Inverse Universe completely reimagines the original color for something new.



68.1727, 56.7902, 70.9896



65.2125, 51.1431, 65.6035



83.4710, 94.2691, 54.8725



18.3831, 18.1366, 20.6346



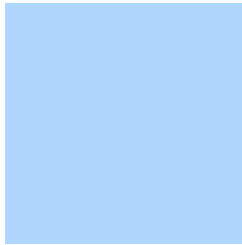
23.5866, 11.9239, 11.7394



2.3516, 1.1830, 1.4329

Previews

White Background



This preview shows how the XYZ color 59.6807, 64.4151, 102.2164 looks on a white background.

Color Contrast Check

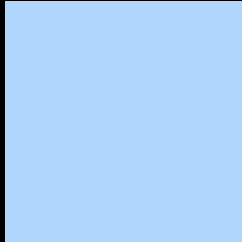
Large Text (above 18pt) WCAG AA × Fail

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 59.6807, 64.4151, 102.2164 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

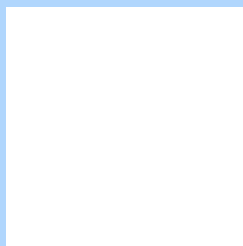
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6807, 64.4151, 102.2164

Background



This preview shows how black text looks on a background with the XYZ color 59.6807, 64.4151, 102.2164.



This preview shows how white text looks on a background with the XYZ color 59.6807, 64.4151,

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

59.6807, 64.4151, 102.2164

Protanopia

63.7422, 64.3688, 98.6874

Deuteranopia

65.6134, 64.1480, 103.5314



Tritanopia

56.8215, 64.3945, 88.0318

Trichromacy



Original Color

59.6807, 64.4151, 102.2164

Protanomaly

62.0401, 64.2018, 99.5648

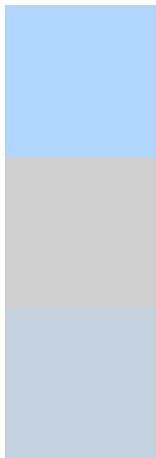
Deuteranomaly

63.2102, 64.0033, 102.7883

Tritanomaly

57.8165, 64.4068, 93.3889

Monochromacy



Original Color

59.6807, 64.4151, 102.2164

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2661, 63.2108, 79.5982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6807, 64.4151, 102.2164 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, 214, 253)` looks like.

```
.text, #text, p{  
    color:rgb(176, 214, 253)  
}
```

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, 214, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 214, 253) }
```

Border

The CSS property to change the border of an element to XYZ 59.6807, 64.4151, 102.2164 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, 214, 253) }
```


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

```
.border{ border-color:rgb(176, 214, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 214, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 214, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 214, 253);  
box-shadow:4px 4px 4px 4px rgb(176, 214,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6807, 64.4151, 102.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 214, 253) }
```

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

```
.background{ background-color: rgb(176,  
214, 253) }
```

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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