

Converting Colors

XYZ(59.9823, 64.9014,
104.7072)

Have a look what the booklet for
XYZ(59.9823, 64.9014, 104.7072)
contains.

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Color

**XYZ(59.8060, 64.8195,
103.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	AED7FF
RGB	174, 215, 255
RGB Percent	68%, 84%, 100%
CMY	0.3176, 0.1568, 0.0000
CMYK	0.32, 0.16, 0.00, 0.00
HSL	210°, 100%, 84%
HSV	210°, 32%, 100%
XYZ	59.8060, 64.8195, 103.9671
YIQ	207.3010, -37.2760, 3.7480

Conversions

Conversions Part 2

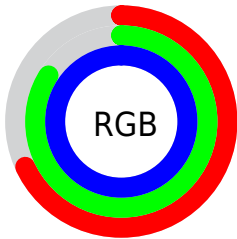
Format	Color
RYB	174, 201, 255
Decimal	11458559
CIELab	84.39, -4.26, -23.86
CIELCh	84, 24.234, 259.868
Yxy	64.8195, 0.2616, 0.2836
Android (android.graphics.Color)	4289648639 (0xFFAED7FF)
YUV	207.3010, 23.5156, -29.2050
Hunter-Lab	80.5106, -8.2976, -20.2066

Details

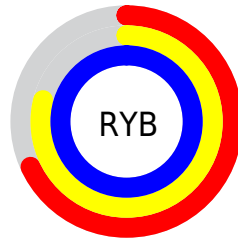
The XYZ color **59.8060, 64.8195, 103.9671** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.9269, 72.4092, 50.1790**, and the grayscale version is **59.3741, 62.4661, 68.0256**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **30.3716, 33.1408, 58.2221** is the 20% darker color. If you saturate the color by 10%, you get **51.5714, 55.9976, 102.6983**, and if you desaturate by 10%, it is **69.3694, 74.6958, 105.3693**.

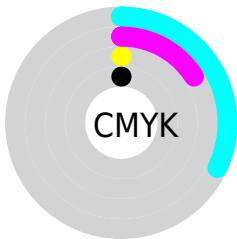
Distribution



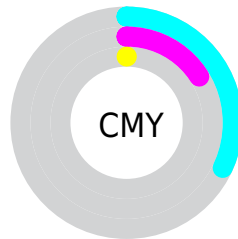
- Red (68%)
- Green (84%)
- Blue (100%)



- Red (68%)
- Yellow (79%)
- Blue (100%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8060, 64.8195, 103.9671 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 59.8060, 64.8195, 103.9671 by changing the saturation by 10% instead.

■ 59.8060, 64.8195,
103.9671

■ 59.8060, 64.8195,
103.9671

413.7285,
442.1430, 594.1930

■ 43.5111, 47.3147,
78.9825

■ 103.6561,
111.7903, 168.6975

■ 30.4826, 33.2845,
58.3602

131.9421,
142.0252, 209.2804

■ 20.3551, 22.3445,
41.6816

164.9559,
177.2721, 255.8998

■ 12.7632, 14.1103,
28.5284

203.0628,
217.9157, 308.9742

■ 7.3416, 8.1974,
18.4818

246.6281,
264.3401, 368.9222

■ 3.7248, 4.2215,
11.1235

296.0173,

■ 1.5477, 1.7982,

316.9299, 436.1623

6.0347

351.5956,
376.0694, 511.1131

■ 0.3579, 0.4861,
2.7971

■ 0.0000, 0.0000,
0.9920

■ 59.8060, 64.8195,
103.9671

■ 59.8060, 64.8195,
103.9671

■ 51.5714, 55.9976,
102.6983

■ 69.3694, 74.6958,
105.3693

■ 44.5934, 48.1802,
101.5571

■ 80.3179, 85.6590,
106.9084

■ 38.8008, 41.3236,
100.5390

■ 92.7109, 97.7488,
108.5887

■ 34.1124, 35.3770,
99.6383

■ 95.0500, 100.0000,
108.9000

■ 30.4349, 30.2834,
98.8489

■ 27.6576, 25.9759,
98.1639

■ 25.9109, 22.9417,
97.6703

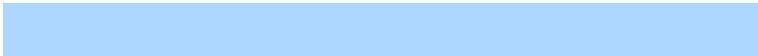
Harmonies

Analogous

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



55.1751, 64.8195, 95.7558



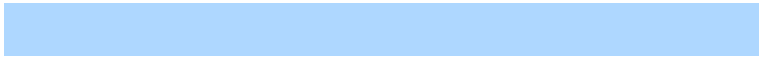
59.8060, 64.8195, 103.9671



65.1943, 64.8195, 102.2901

Triad

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



59.8060, 64.8195, 103.9671



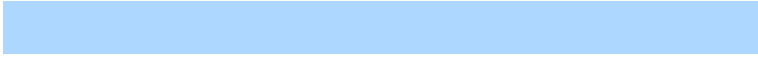
71.8658, 64.8195, 60.9741



54.0289, 64.8195, 53.1424

Complementary

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



59.8060, 64.8195, 103.9671



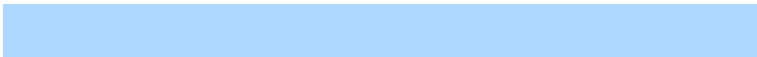
72.9269, 72.4092, 50.1790

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.



58.1576, 64.8195, 46.2071



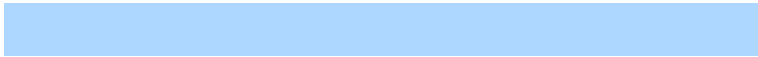
59.8060, 64.8195, 103.9671



68.5245, 64.8195, 50.2516

Square

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



59.8060, 64.8195, 103.9671



72.3708, 64.8195, 75.9217



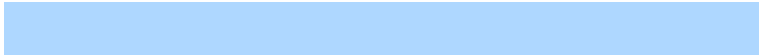
63.4479, 64.8195, 45.2321



51.9707, 64.8195, 65.4900

Rectangle

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



59.8060, 64.8195, 103.9671



68.4854, 64.8195, 95.8631



63.4479, 64.8195, 45.2321



55.2090, 64.8195, 50.1818

Sweetspot

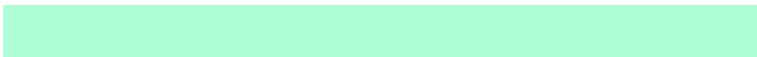
The Sweet Spot groups the original color and five complimentary colors.



59.8078, 64.8220, 103.9674



82.3966, 87.7078, 107.1943



65.2459, 85.3309, 76.0836



17.2809, 18.4229, 22.8951



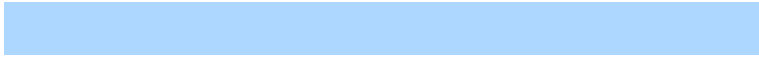
0.0000, 0.0000, 0.0000



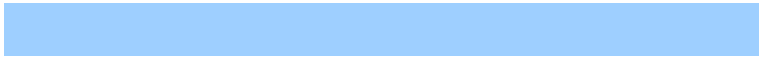
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8078, 64.8220, 103.9674



54.5196, 59.1979, 103.1606



50.9053, 47.0169, 100.9999



17.7630, 18.8977, 22.9614



13.6887, 12.2870, 51.0847



1.4421, 1.4150, 5.0104

Inverse Universe

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



68.6430, 56.4400, 71.5687



64.7648, 50.2602, 65.4158



84.2112, 94.9779, 53.9405



18.3930, 18.1405, 20.6869



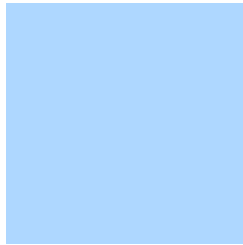
23.6976, 11.9683, 12.3241



2.3625, 1.1874, 1.4905

Previews

White Background



This preview shows how the XYZ color 59.8060, 64.8195, 103.9671 looks on a white background.

Color Contrast Check

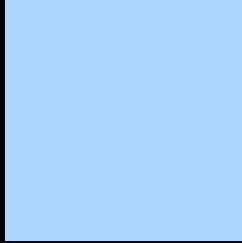
Large Text (above 18pt) WCAG AA × Fail

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 59.8060, 64.8195, 103.9671 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

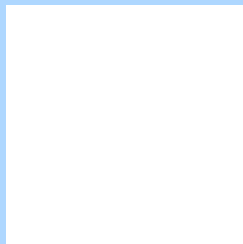
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8060, 64.8195, 103.9671

Background



This preview shows how black text looks on a background with the XYZ color 59.8060, 64.8195, 103.9671.



This preview shows how white text looks on a background with the XYZ color 59.8060, 64.8195,

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

59.8060, 64.8195, 103.9671

Protanopia

63.8986, 64.4314, 99.5112

Deuteranopia

65.8534, 64.6280, 103.6113



Tritanopia

56.7893, 64.7450, 88.8608

Trichromacy



Original Color

59.8060, 64.8195, 103.9671

Protanomaly

62.3508, 64.6932, 101.2963

Deuteranomaly

63.3561, 64.4230, 103.7034

Tritanomaly

57.7851, 64.7547, 94.2473

Monochromacy



Original Color

59.8060, 64.8195, 103.9671

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.0068, 63.0771, 79.5861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8060, 64.8195, 103.9671 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(174, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 215, 255)  
}
```

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(174, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.8060, 64.8195, 103.9671 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(174, 215, 255) }
```


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

```
.border{ border-color:rgb(174, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8060, 64.8195, 103.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 215, 255) }
```

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

```
.background{ background-color: rgb(174,  
215, 255) }
```

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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