

Converting Colors

XYZ(59.3526, 62.1167,
103.4693)

Have a look what the booklet for
XYZ(59.3526, 62.1167, 103.4693)
contains.

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Color

**XYZ(59.1963, 61.9155,
103.4386)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D0FF
RGB	179, 208, 255
RGB Percent	70%, 82%, 100%
CMY	0.2980, 0.1843, 0.0000
CMYK	0.30, 0.18, 0.00, 0.00
HSL	217°, 100%, 85%
HSV	217°, 30%, 100%
XYZ	59.1963, 61.9155, 103.4386
YIQ	204.6870, -32.3710, 8.4690

Conversions

Conversions Part 2

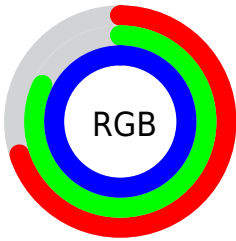
Format	Color
R _Y B	179, 200, 255
Decimal	11784447
CIE Lab	82.87, 0.84, -26.15
CIE LCh	83, 26.160, 271.834
Yxy	61.9155, 0.2636, 0.2757
Android (android.graphics.Color)	4289974527 (0xFFB3D0FF)
YUV	204.6870, 24.8043, -22.5275
Hunter-Lab	78.6864, -3.4145, -22.8602

Details

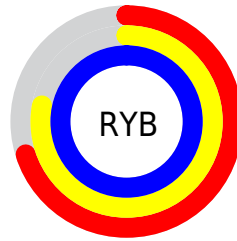
The XYZ color **59.1963, 61.9155, 103.4386** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.5732, 78.9072, 53.8444**, and the grayscale version is **57.6934, 60.6979, 66.1000**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **30.0608, 31.4735, 57.9167** is the 20% darker color. If you saturate the color by 10%, you get **50.1834, 51.8440, 101.9697**, and if you desaturate by 10%, it is **69.6848, 73.3181, 105.0868**.

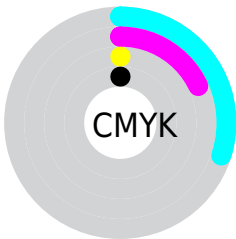
Distribution



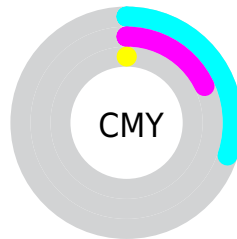
- Red (70%)
- Green (82%)
- Blue (100%)



- Red (70%)
- Yellow (78%)
- Blue (100%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1963, 61.9155, 103.4386 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 59.1963, 61.9155, 103.4386 by changing the saturation by 10% instead.

■ 59.1963, 61.9155,
103.4386

■ 59.1963, 61.9155,
103.4386

411.5114,
431.6228, 592.5024

■ 43.0181, 44.9644,
78.5425

■ 102.7759,
107.6034, 167.9676

■ 30.0939, 31.4294,
58.0007

130.9081,
137.1090, 208.4376

■ 20.0583, 20.9260,
41.3945

163.7556,
171.5682, 254.9359

■ 12.5460, 13.0700,
28.3054

201.6839,
211.3655, 307.8812

■ 7.1915, 7.4767,
18.3150

245.0582,
256.8852, 367.6920

■ 3.6295, 3.7620,
11.0046

294.2440,

■ 1.4948, 1.5413,

308.5117, 434.7867

5.9557

349.6066,
366.6295, 509.5840

■ 0.3223, 0.3176,
2.7498

■ 0.0000, 0.0000,
0.9684

■ 59.1963, 61.9155,
103.4386

■ 59.1963, 61.9155,
103.4386

■ 50.1834, 51.8440,
101.9697

■ 69.6848, 73.3181,
105.0868

■ 42.5695, 43.0432,
100.6723

■ 81.7098, 86.0946,
106.9191

■ 36.2787, 35.4582,
99.5398

95.0500, 100.0000,
108.9000

■ 31.2252, 29.0266,
98.5647

■ 27.3119, 23.6793,
97.7388

■ 24.4248, 19.3370,
97.0528

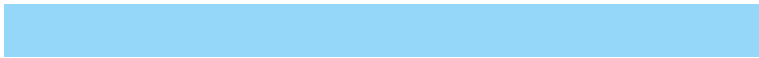
■ 22.3886, 15.8878,
96.4944

■ 22.3533, 15.8266,
96.4844

Harmonies

Analogous

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



53.8800, 61.9155, 98.6463



59.1963, 61.9155, 103.4386



64.7522, 61.9155, 97.3718

Triad

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



59.1963, 61.9155, 103.4386



68.5446, 61.9155, 52.3339



49.8025, 61.9155, 53.8004

Complementary

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



59.1963, 61.9155, 103.4386



76.5732, 78.9072, 53.8444

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.



53.3157, 61.9155, 44.3351



59.1963, 61.9155, 103.4386



64.1141, 61.9155, 43.5883

Square

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



59.1963, 61.9155, 103.4386



70.3588, 61.9155, 66.4271



58.5027, 61.9155, 40.9088



48.6680, 61.9155, 68.4135

Rectangle

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



59.1963, 61.9155, 103.4386



67.7873, 61.9155, 88.4713



58.5027, 61.9155, 40.9088



50.7328, 61.9155, 49.9973

Sweetspot

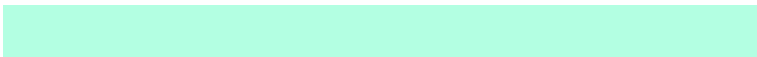
The Sweet Spot groups the original color and five complimentary colors.



59.1981, 61.9179, 103.4390



82.7434, 87.1810, 107.0743



68.0606, 86.5879, 84.9825



17.3110, 18.2402, 22.8583



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.



59.1981, 61.9179, 103.4390



53.4422, 55.5216, 102.5078



54.8778, 50.1364, 101.3927



17.5712, 18.5139, 22.8974



11.8129, 8.5353, 50.4595



1.2517, 1.0342, 4.9469

Inverse Universe

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



68.7465, 58.0559, 67.2597



64.5925, 51.6134, 60.1240



81.9500, 94.3918, 56.5499



18.2962, 18.1018, 20.1769



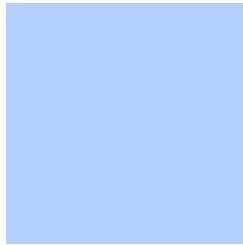
22.7508, 11.5896, 7.3381



2.2664, 1.1489, 0.9844

Previews

White Background



This preview shows how the XYZ color 59.1963, 61.9155, 103.4386 looks on a white background.

Color Contrast Check

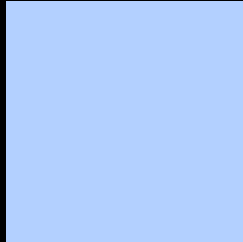
Large Text (above 18pt) WCAG AA × Fail

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 59.1963, 61.9155, 103.4386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

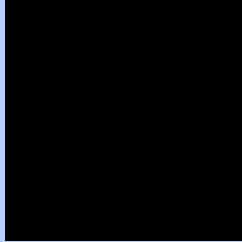
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

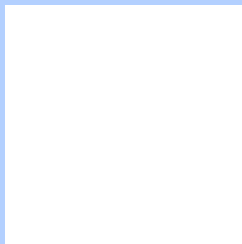
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1963, 61.9155, 103.4386

Background



This preview shows how black text looks on a background with the XYZ color 59.1963, 61.9155, 103.4386.



This preview shows how white text looks on a background with the XYZ color 59.1963, 61.9155,

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

59.1963, 61.9155, 103.4386

Protanopia

61.6692, 61.8161, 100.7768

Deuteranopia

62.9899, 61.7404, 103.2049



Tritanopia

54.9199, 61.6283, 83.1296

Trichromacy



Original Color

59.1963, 61.9155, 103.4386

Protanomaly

60.5472, 61.5733, 101.6222

Deuteranomaly

61.3811, 61.6122, 103.2650

Tritanomaly

56.4061, 61.8755, 89.8592

Monochromacy



Original Color

59.1963, 61.9155, 103.4386

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1555, 61.2061, 78.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1963, 61.9155, 103.4386 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(179, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 208, 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(179, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.1963, 61.9155, 103.4386 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(179, 208, 255) }
```


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

```
.border{ border-color:rgb(179, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1963, 61.9155, 103.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 208, 255) }
```

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

```
.background{ background-color: rgb(179,  
208, 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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