

Converting Colors

XYZ(59.2269, 61.3111,
103.3204)

Have a look what the booklet for
XYZ(59.2269, 61.3111, 103.3204)
contains.

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Color

**XYZ(59.1774, 61.1864,
103.2989)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CEFF
RGB	181, 206, 255
RGB Percent	71%, 81%, 100%
CMY	0.2902, 0.1921, 0.0000
CMYK	0.29, 0.19, 0.00, 0.00
HSL	220°, 100%, 85%
HSV	220°, 29%, 100%
XYZ	59.1774, 61.1864, 103.2989
YIQ	204.1110, -30.6290, 9.9390

Conversions

Conversions Part 2

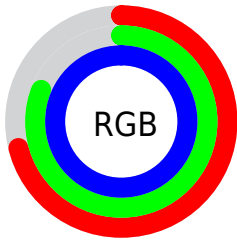
Format	Color
R_{YB}	181, 200, 255
Decimal	11915007
CIE _{Lab}	82.48, 2.47, -26.73
CIE _{LCh}	82, 26.844, 275.282
Yxy	61.1864, 0.2646, 0.2736
Android (android.graphics.Color)	4290105087 (0xFFB5CEFF)
YUV	204.1110, 25.0883, -20.2683
Hunter-Lab	78.2217, -1.8467, -23.5426

Details

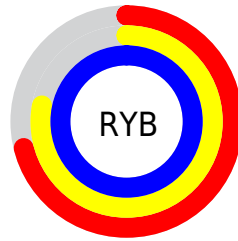
The XYZ color **59.1774, 61.1864, 103.2989** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.8775, 81.1897, 55.2846**, and the grayscale version is **57.3265, 60.3119, 65.6797**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **30.0255, 30.9693, 57.8212** is the 20% darker color. If you saturate the color by 10%, you get **49.8877, 50.6851, 101.7616**, and if you desaturate by 10%, it is **70.0015, 73.1298, 105.0337**.

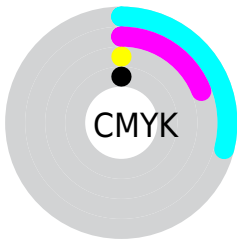
Distribution



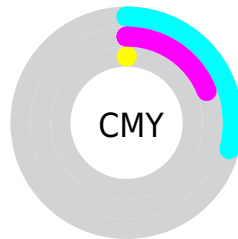
- Red (71%)
- Green (81%)
- Blue (100%)



- Red (71%)
- Yellow (78%)
- Blue (100%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1774, 61.1864, 103.2989 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 59.1774, 61.1864, 103.2989 by changing the saturation by 10% instead.

■ 59.1774, 61.1864,
103.2989

■ 59.1774, 61.1864,
103.2989

411.4425,
428.9571, 592.0550

■ 43.0029, 44.3756,
78.4263

■ 102.7486,
106.5488, 167.7746

■ 30.0819, 30.9659,
57.9057

130.8760,
135.8692, 208.2147

■ 20.0491, 20.5729,
41.3186

163.7184,
170.1282, 254.6810

■ 12.5392, 12.8122,
28.2466

201.6411,
209.7103, 307.5921

■ 7.1868, 7.2993,
18.2709

245.0095,
254.9999, 367.3665

■ 3.6266, 3.6500,
10.9732

294.1890,

■ 1.4931, 1.4798,

306.3812, 434.4228

5.9349

349.5449,
364.2389, 509.1794

■ 0.3212, 0.2744,
2.7374

■ 0.0000, 0.0000,
0.9622

■ 59.1774, 61.1864,
103.2989

■ 59.1774, 61.1864,
103.2989

■ 49.8877, 50.6851,
101.7616

■ 70.0015, 73.1298,
105.0337

■ 42.0537, 41.5607,
100.4133

■ 82.4232, 86.5631,
106.9719

■ 35.5973, 33.7528,
99.2465

95.0500, 100.0000,
108.9000

■ 30.4302, 27.1933,
98.2527

■ 26.4530, 21.8071,
97.4227

■ 23.5497, 17.5084,
96.7460

■ 21.5557, 14.1848,
96.2096

■ 21.3901, 13.9003,
96.1634

Harmonies

Analogous

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



53.6632, 61.1864, 99.6441



59.1774, 61.1864, 103.2989



64.7642, 61.1864, 95.8881

Triad

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



59.1774, 61.1864, 103.2989



67.6354, 61.1864, 49.9864



48.6983, 61.1864, 54.2628

Complementary

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



59.1774, 61.1864, 103.2989



77.8775, 81.1897, 55.2846

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.



52.0130, 61.1864, 44.0130



59.1774, 61.1864, 103.2989



62.8925, 61.1864, 41.8433

Square

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



59.1774, 61.1864, 103.2989



69.8485, 61.1864, 63.7550



57.1461, 61.1864, 39.8509



47.8468, 61.1864, 69.5728

Rectangle

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



59.1774, 61.1864, 103.2989



67.7043, 61.1864, 86.2872



57.1461, 61.1864, 39.8509



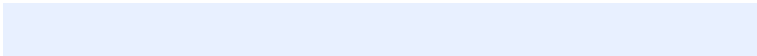
49.5502, 61.1864, 50.1969

Sweetspot

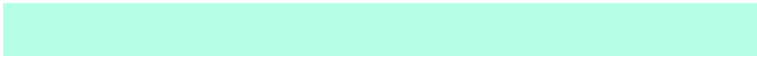
The Sweet Spot groups the original color and five complimentary colors.



59.1792, 61.1887, 103.2993



82.4473, 86.5890, 106.9756



68.9739, 87.0070, 87.3616



17.2384, 18.0949, 22.8341



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.



59.1792, 61.1887, 103.2993



53.4418, 54.7366, 102.3563



56.3389, 51.4891, 101.5768



17.5045, 18.3807, 22.8752



11.2998, 7.5092, 50.2884



1.1965, 0.9237, 4.9285

Inverse Universe

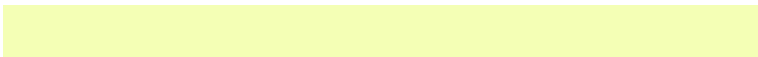
The Inverse Universe completely reimagines the original color for something new.



68.9057, 58.7656, 66.1063



64.7837, 52.4228, 58.8714



81.3746, 94.0716, 57.5867



18.2626, 18.0883, 19.9998



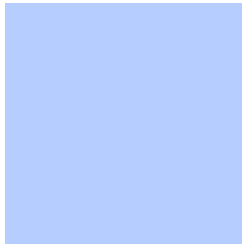
22.4918, 11.4860, 5.9745



2.2385, 1.1378, 0.8376

Previews

White Background



This preview shows how the XYZ color 59.1774, 61.1864, 103.2989 looks on a white background.

Color Contrast Check

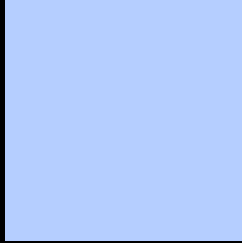
Large Text (above 18pt) WCAG AA × Fail

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 59.1774, 61.1864, 103.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

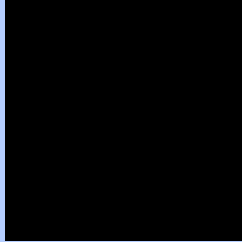
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1774, 61.1864, 103.2989

Background



This preview shows how black text looks on a background with the XYZ color 59.1774, 61.1864, 103.2989.



This preview shows how white text looks on a background with the XYZ color 59.1774, 61.1864,

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

59.1774, 61.1864, 103.2989

Protanopia

61.0779, 61.1412, 101.5108

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

54.9771, 61.3039, 82.3340

Trichromacy



Original Color

59.1774, 61.1864, 103.2989

Protanomaly

60.4685, 61.1603, 102.3840

Deuteranomaly

61.1442, 61.1383, 103.1860

Tritanomaly

56.3645, 61.1211, 89.7157

Monochromacy



Original Color

59.1774, 61.1864, 103.2989

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9156, 60.7261, 78.4809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1774, 61.1864, 103.2989 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(181, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 206, 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(181, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.1774, 61.1864, 103.2989 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(181, 206, 255) }
```


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

```
.border{ border-color:rgb(181, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1774, 61.1864, 103.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 206, 255) }
```

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

```
.background{ background-color: rgb(181,  
206, 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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