

Converting Colors

XYZ(71.2138, 66.4661,
164.7852)

Have a look what the booklet for
XYZ(71.2138, 66.4661, 164.7852)
contains.

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Color

**XYZ(59.4189, 61.6694,
103.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CFFF
RGB	181, 207, 255
RGB Percent	71%, 81%, 100%
CMY	0.2902, 0.1882, 0.0000
CMYK	0.29, 0.19, 0.00, 0.00
HSL	219°, 100%, 85%
HSV	219°, 29%, 100%
XYZ	59.4189, 61.6694, 103.3794
YIQ	204.6980, -30.9040, 9.4160

Conversions

Conversions Part 2

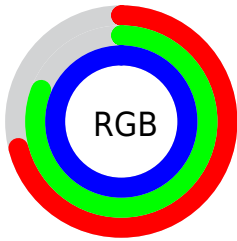
Format	Color
R_{YB}	181, 200, 255
Decimal	11915263
CIE Lab	82.74, 1.94, -26.34
CIE LCh	83, 26.406, 274.207
Yxy	61.6694, 0.2647, 0.2747
Android (android.graphics.Color)	4290105343 (0xFFB5CFFF)
YUV	204.6980, 24.7989, -20.7831
Hunter-Lab	78.5299, -2.3669, -23.0805

Details

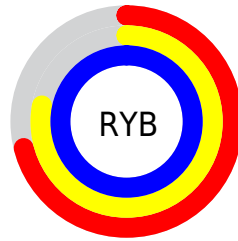
The XYZ color **59.4189, 61.6694, 103.3794** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.6000, 80.6347, 55.1921**, and the grayscale version is **57.6997, 60.7045, 66.1073**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **30.1885, 31.2953, 57.8756** is the 20% darker color. If you saturate the color by 10%, you get **50.1785, 51.2667, 101.8585**, and if you desaturate by 10%, it is **70.1769, 73.4805, 105.0922**.

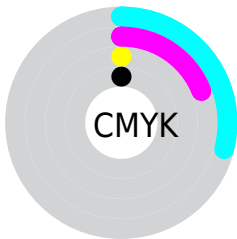
Distribution



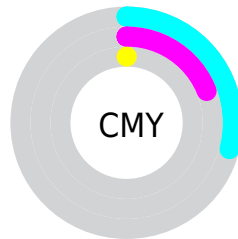
- Red (71%)
- Green (81%)
- Blue (100%)



- 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 59.4189, 61.6694, 103.3794 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 59.4189, 61.6694, 103.3794 by changing the saturation by 10% instead.

■ 59.4189, 61.6694,
103.3794

■ 59.4189, 61.6694,
103.3794

412.3217,
430.7241, 592.3128

■ 43.1981, 44.7656,
78.4932

■ 103.0974,
107.2476, 167.8858

■ 30.2358, 31.2729,
57.9604

131.2858,
136.6908, 208.3431

■ 20.1666, 20.8067,
41.3623

164.1941,
171.0825, 254.8279

■ 12.6252, 12.9828,
28.2805

202.1877,
210.8073, 307.7587

■ 7.2461, 7.4167,
18.2963

245.6319,
256.2495, 367.5541

■ 3.6642, 3.7240,
10.9913

294.8920,

■ 1.5140, 1.5204,

307.7934, 434.6325

5.9469

350.3335,
365.8235, 509.4126

■ 0.3353, 0.3030,
2.7445

■ 0.0000, 0.0000,
0.9657

■ 59.4189, 61.6694,
103.3794

■ 59.4189, 61.6694,
103.3794

■ 50.1785, 51.2667,
101.8585

■ 70.1769, 73.4805,
105.0922

■ 42.3778, 42.2089,
100.5213

■ 82.5147, 86.7460,
107.0024

■ 35.9396, 34.4374,
99.3606

95.0500, 100.0000,
108.9000

■ 30.7767, 27.8862,
98.3682

■ 26.7906, 22.4823,
97.5352

■ 23.8667, 18.1424,
96.8517

■ 21.8416, 14.7567,
96.3049

■ 21.6725, 14.4651,
96.2575

Harmonies

Analogous

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



53.9945, 61.6694, 99.3932



59.4189, 61.6694, 103.3794



64.9650, 61.6694, 96.4458

Triad

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



59.4189, 61.6694, 103.3794



68.1089, 61.6694, 51.0685



49.3300, 61.6694, 54.4483

Complementary

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



59.4189, 61.6694, 103.3794



77.6000, 80.6347, 55.1921

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.



52.6927, 61.6694, 44.4792



59.4189, 61.6694, 103.3794



63.4917, 61.6694, 42.7601

Square

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



59.4189, 61.6694, 103.3794



70.1832, 61.6694, 64.8814



57.8182, 61.6694, 40.5571



48.3933, 61.6694, 69.4658

Rectangle

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



59.4189, 61.6694, 103.3794



67.9176, 61.6694, 87.1306



57.8182, 61.6694, 40.5571



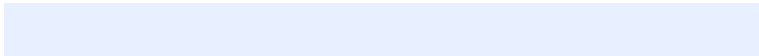
50.2030, 61.6694, 50.4802

Sweetspot

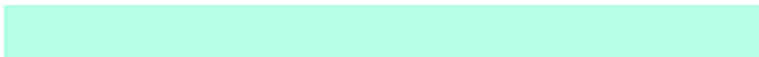
The Sweet Spot groups the original color and five complimentary colors.



59.4207, 61.6718, 103.3798



82.5386, 86.7715, 107.0061



68.8022, 86.9383, 86.4572



17.2608, 18.1397, 22.8415



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.



59.4207, 61.6718, 103.3798



53.7148, 55.2825, 102.4473



56.0277, 51.3287, 101.5622



17.5251, 18.4218, 22.8820



11.4506, 7.8108, 50.3387



1.2129, 0.9566, 4.9340

Inverse Universe

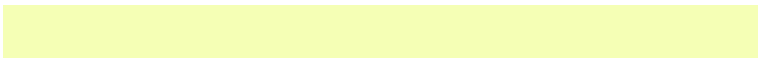
The Inverse Universe completely reimagines the original color for something new.



69.0276, 58.8144, 66.7482



64.9215, 52.4779, 59.5970



81.8037, 94.2929, 57.6068



18.2729, 18.0925, 20.0544



22.5679, 11.5165, 6.3752



2.2468, 1.1411, 0.8813

Previews

White Background



This preview shows how the XYZ color 59.4189, 61.6694, 103.3794 looks on a white background.

Color Contrast Check

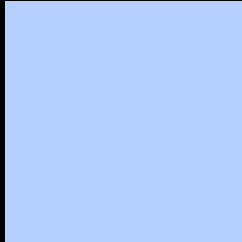
Large Text (above 18pt) WCAG AA × Fail

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 59.4189, 61.6694, 103.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

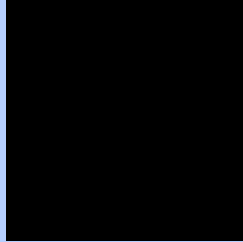
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4189, 61.6694, 103.3794

Background



This preview shows how black text looks on a background with the XYZ color 59.4189, 61.6694, 103.3794.



This preview shows how white text looks on a background with the XYZ color 59.4189, 61.6694,

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

59.4189, 61.6694, 103.3794

Protanopia

61.5706, 61.7469, 101.6017

Deuteranopia

62.9899, 61.7404, 103.2049



Tritanopia

55.3655, 61.8581, 83.1505

Trichromacy



Original Color

59.4189, 61.6694, 103.3794

Protanomaly

60.7070, 61.6372, 102.4635

Deuteranomaly

61.6352, 61.7432, 103.2768

Tritanomaly

56.6107, 61.6133, 89.7978

Monochromacy



Original Color

59.4189, 61.6694, 103.3794

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 59.4189, 61.6694, 103.3794 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, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 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, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.4189, 61.6694, 103.3794 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, 207, 255) }
```


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

```
.border{ border-color:rgb(181, 207, 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, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4189, 61.6694, 103.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 255) }
```

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

```
.background{ background-color: rgb(181,  
207, 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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