

Converting Colors

XYZ(64.9210, 62.7676,
133.3974)

Have a look what the booklet for
XYZ(64.9210, 62.7676, 133.3974)
contains.

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Color

**XYZ(59.1713, 60.4730,
103.1615)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CCFF
RGB	183, 204, 255
RGB Percent	72%, 80%, 100%
CMY	0.2823, 0.2000, 0.0000
CMYK	0.28, 0.20, 0.00, 0.00
HSL	222°, 100%, 86%
HSV	222°, 28%, 100%
XYZ	59.1713, 60.4730, 103.1615
YIQ	203.5350, -28.8870, 11.4090

Conversions

Conversions Part 2

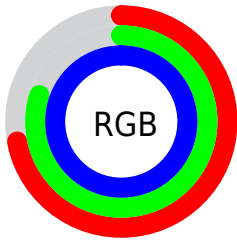
Format	Color
RYB	183, 199, 255
Decimal	12045567
CIELab	82.09, 4.11, -27.30
CIELCh	82, 27.613, 278.565
Yxy	60.4730, 0.2656, 0.2714
Android (android.graphics.Color)	4290235647 (0xFFB7CCFF)
YUV	203.5350, 25.3722, -18.0092
Hunter-Lab	77.7644, -0.2662, -24.2185

Details

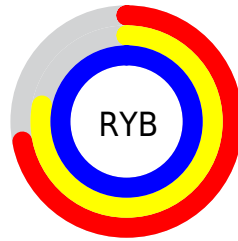
The XYZ color **59.1713, 60.4730, 103.1615** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.2102, 83.5243, 56.7486**, and the grayscale version is **56.9609, 59.9273, 65.2609**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.0015, 30.4791, 57.7279** is the 20% darker color. If you saturate the color by 10%, you get **49.5997, 49.5322, 101.5542**, and if you desaturate by 10%, it is **70.3430, 72.9806, 104.9869**.

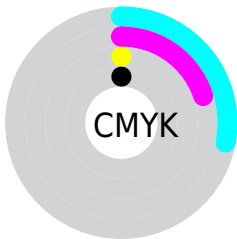
Distribution



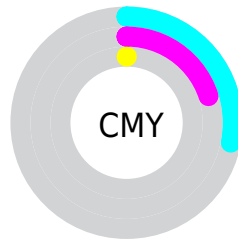
- Red (72%)
- Green (80%)
- Blue (100%)



- Red (72%)
- Yellow (78%)
- Blue (100%)



- Cyan (28%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1713, 60.4730, 103.1615 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 59.1713, 60.4730, 103.1615 by changing the saturation by 10% instead.

■ 59.1713, 60.4730,
103.1615

■ 59.1713, 60.4730,
103.1615

411.4203,
426.3390, 591.6149

■ 42.9979, 43.8000,
78.3119

■ 102.7398,
105.5155, 167.5847

■ 30.0780, 30.5133,
57.8123

130.8656,
134.6538, 207.9954

■ 20.0462, 20.2285,
41.2440

163.7063,
168.7160, 254.4302

■ 12.5371, 12.5613,
28.1887

201.6273,
208.0865, 307.3077

■ 7.1853, 7.1271,
18.2277

244.9938,
253.1496, 367.0463

■ 3.6256, 3.5417,
10.9424

294.1712,

■ 1.4926, 1.4207,

304.2898, 434.0647

5.9145

349.5249,
361.8915, 508.7814

■ 0.3208, 0.2319,
2.7252

■ 0.0000, 0.0000,
0.9561

■ 59.1713, 60.4730,
103.1615

■ 59.1713, 60.4730,
103.1615

■ 49.5997, 49.5322,
101.5542

■ 70.3430, 72.9806,
104.9869

■ 41.5468, 40.0868,
100.1555

■ 83.1805, 87.1085,
107.0373

■ 34.9312, 32.0698,
98.9568

95.0500, 100.0000,
108.9000

■ 29.6619, 25.4060,
97.9482

■ 25.6362, 20.0123,
97.1193

■ 22.7349, 15.7949,
96.4582

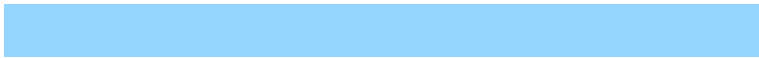
■ 20.8003, 12.6370,
95.9506

■ 20.5243, 12.1685,
95.8748

Harmonies

Analogous

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



53.4600, 60.4730, 100.6582



59.1713, 60.4730, 103.1615



64.7876, 60.4730, 94.4177

Triad

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



59.1713, 60.4730, 103.1615



66.7400, 60.4730, 47.7165



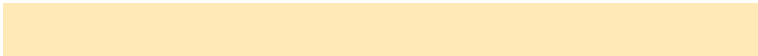
47.6199, 60.4730, 54.7483

Complementary

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



59.1713, 60.4730, 103.1615



79.2102, 83.5243, 56.7486

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.



50.7395, 60.4730, 43.7102



59.1713, 60.4730, 103.1615



61.6920, 60.4730, 40.1559

Square

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



59.1713, 60.4730, 103.1615



69.3478, 60.4730, 61.1574



55.8169, 60.4730, 38.8254



47.0460, 60.4730, 70.7658

Rectangle

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



59.1713, 60.4730, 103.1615



67.6314, 60.4730, 84.1372



55.8169, 60.4730, 38.8254



48.3949, 60.4730, 50.4167

Sweetspot

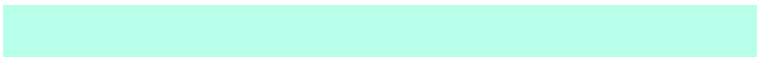
The Sweet Spot groups the original color and five complimentary colors.



59.1731, 60.4753, 103.1619



83.5014, 87.4589, 107.0880



70.0546, 87.4938, 90.5872



17.4346, 18.2409, 22.8519



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.



59.1731, 60.4753, 103.1619



53.4629, 53.9789, 102.2089



58.1157, 53.0131, 101.7773



17.4346, 18.2409, 22.8519



10.8353, 6.5802, 50.1336



1.1444, 0.8195, 4.9111

Inverse Universe

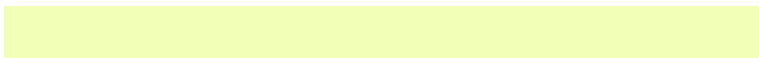
The Inverse Universe completely reimagines the original color for something new.



69.0737, 59.4882, 64.9710



64.9896, 53.2528, 57.6510



80.4470, 93.5696, 58.6223



18.2273, 18.0742, 19.8140



22.2574, 11.3922, 4.7398



2.2122, 1.1273, 0.6991

Previews

White Background



This preview shows how the XYZ color 59.1713, 60.4730, 103.1615 looks on a white background.

Color Contrast Check

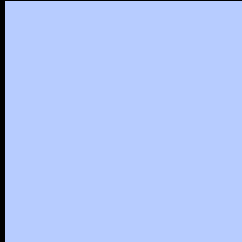
Large Text (above 18pt) WCAG AA × Fail

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 59.1713, 60.4730, 103.1615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

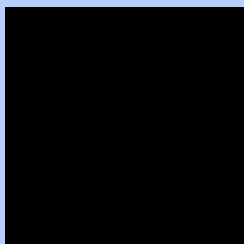
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

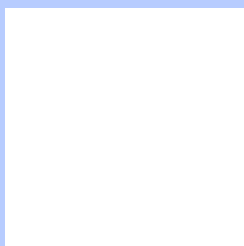
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1713, 60.4730, 103.1615

Background



This preview shows how black text looks on a background with the XYZ color 59.1713, 60.4730, 103.1615.



This preview shows how white text looks on a background with the XYZ color 59.1713, 60.4730,

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

59.1713, 60.4730, 103.1615

Protanopia

60.5884, 60.5394, 101.4204

Deuteranopia

61.7302, 60.3989, 103.0124



Tritanopia

54.6594, 60.4390, 80.7365

Trichromacy



Original Color

59.1713, 60.4730, 103.1615

Protanomaly

60.2316, 60.6864, 102.3050

Deuteranomaly

60.6749, 60.1998, 103.0295

Tritanomaly

56.1893, 60.3238, 88.8029

Monochromacy



Original Color

59.1713, 60.4730, 103.1615

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6771, 60.2492, 78.4014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1713, 60.4730, 103.1615 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(183, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 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(183, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.1713, 60.4730, 103.1615 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(183, 204, 255) }
```


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

```
.border{ border-color:rgb(183, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1713, 60.4730, 103.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 255) }
```

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

```
.background{ background-color: rgb(183,  
204, 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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