

Converting Colors

XYZ(72.5829, 71.2974,
151.3121)

Have a look what the booklet for
XYZ(72.5829, 71.2974, 151.3121)
contains.

XYZ(63.6019, 67.5371, 104.2915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.6019, 67.5371,
104.2915)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD9FF
RGB	188, 217, 255
RGB Percent	74%, 85%, 100%
CMY	0.2627, 0.1490, 0.0000
CMYK	0.26, 0.15, 0.00, 0.00
HSL	214°, 100%, 87%
HSV	214°, 26%, 100%
XYZ	63.6019, 67.5371, 104.2915
YIQ	212.6610, -29.4820, 5.6700

Conversions

Conversions Part 2

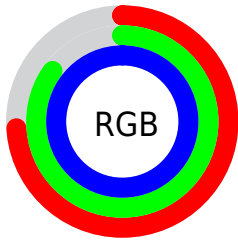
Format	Color
R _Y B	188, 208, 255
Decimal	12376575
CIE Lab	85.77, -1.35, -21.68
CIE LCh	86, 21.717, 266.440
Yxy	67.5371, 0.2702, 0.2869
Android (android.graphics.Color)	4290566655 (0xFFBCD9FF)
YUV	212.6610, 20.8731, -21.6277
Hunter-Lab	82.1810, -5.6711, -17.7151

Details

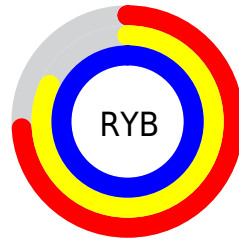
The XYZ color **63.6019, 67.5371, 104.2915** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.5135, 79.2831, 58.7965**, and the grayscale version is **62.9003, 66.1760, 72.0657**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **32.7862, 34.9044, 58.4353** is the 20% darker color. If you saturate the color by 10%, you get **54.3008, 57.4503, 102.8348**, and if you desaturate by 10%, it is **74.3433, 78.8546, 105.9099**.

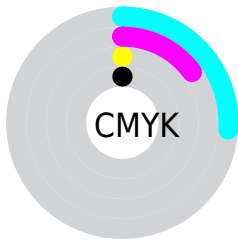
Distribution



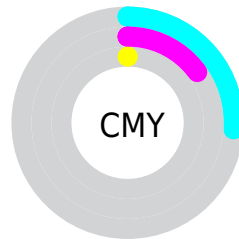
- Red (74%)
- Green (85%)
- Blue (100%)



- Red (74%)
- Yellow (82%)
- Blue (100%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6019, 67.5371, 104.2915 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 63.6019, 67.5371, 104.2915 by changing the saturation by 10% instead.

■ 63.6019, 67.5371,
104.2915

■ 63.6019, 67.5371,
104.2915

427.3757,
451.8542, 595.2295

■ 46.5888, 49.5212,
79.2526

■ 109.1144,
115.6897, 169.1454

■ 32.9173, 35.0331,
58.5810

138.3444,
146.5952, 209.7975

■ 22.2220, 23.6884,
41.8581

172.3775,
182.5660, 256.4910

■ 14.1376, 15.1026,
28.6654

211.5789,
223.9866, 309.6445

■ 8.2988, 8.8915,
18.5845

256.3141,
271.2413, 369.6766

■ 4.3401, 4.6704,
11.1967

306.9484,

■ 1.8963, 2.0552,

324.7146, 437.0058

6.0834

363.8471,
384.7907, 512.0506

■ 0.5747, 0.6393,
2.8263

■ 0.0000, 0.0000,
1.0066

■ 63.6019, 67.5371,
104.2915

■ 63.6019, 67.5371,
104.2915

■ 54.3008, 57.4503,
102.8348

■ 74.3433, 78.8546,
105.9099

■ 46.3676, 48.5397,
101.5330

■ 86.5815, 91.4389,
107.6939

■ 39.7316, 40.7574,
100.3806

95.0500, 100.0000,
108.9000

■ 34.3133, 34.0491,
99.3714

■ 30.0230, 28.3543,
98.4983

■ 26.7570, 23.6050,
97.7537

■ 24.3881, 19.7197,
97.1286

■ 23.6673, 18.4546,
96.9224

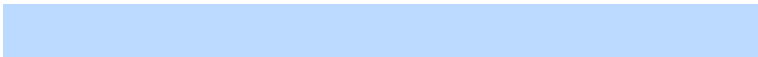
Harmonies

Analogous

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



59.0648, 67.5371, 98.7155



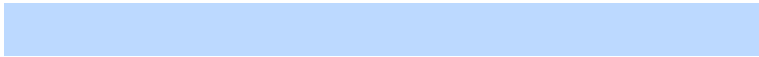
63.6019, 67.5371, 104.2915



68.5312, 67.5371, 100.7928

Triad

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



63.6019, 67.5371, 104.2915



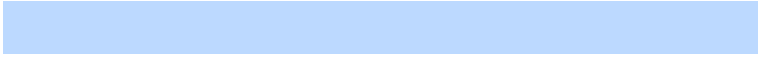
73.1122, 67.5371, 62.0369



56.5709, 67.5371, 59.4522

Complementary

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



63.6019, 67.5371, 104.2915



77.5135, 79.2831, 58.7965

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.



60.0399, 67.5371, 51.6984



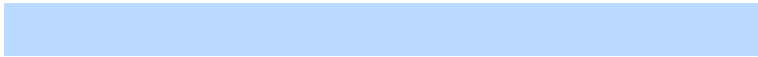
63.6019, 67.5371, 104.2915



69.6077, 67.5371, 53.0503

Square

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



63.6019, 67.5371, 104.2915



74.1849, 67.5371, 75.2447



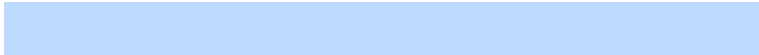
64.7857, 67.5371, 49.5135



55.1393, 67.5371, 71.8542

Rectangle

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



63.6019, 67.5371, 104.2915



71.3513, 67.5371, 94.0015



64.7857, 67.5371, 49.5135



57.5284, 67.5371, 56.2806

Sweetspot

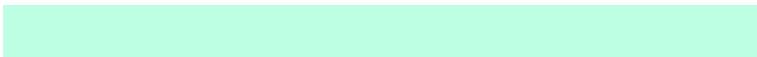
The Sweet Spot groups the original color and five complimentary colors.



63.6038, 67.5397, 104.2919



84.3586, 89.1734, 107.3738



70.2229, 87.7010, 85.1554



17.6497, 18.6711, 22.9236



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.



63.6038, 67.5397, 104.2919



58.1046, 61.6148, 103.4381



57.8912, 54.4557, 102.0675



17.6497, 18.6711, 22.9236



12.5085, 9.9266, 50.6913



1.3240, 1.1788, 4.9710

Inverse Universe

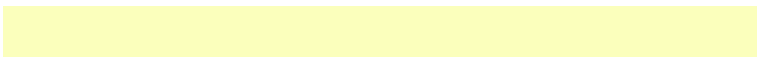
The Inverse Universe completely reimagines the original color for something new.



71.7488, 62.2378, 73.8801



67.7347, 55.8905, 67.3596



84.4533, 95.5737, 61.5752



18.3358, 18.1177, 20.3857



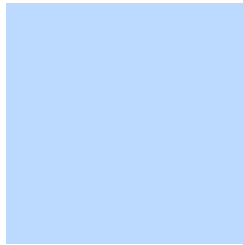
23.1019, 11.7301, 9.1871



2.3029, 1.1635, 1.1766

Previews

White Background



This preview shows how the XYZ color 63.6019, 67.5371, 104.2915 looks on a white background.

Color Contrast Check

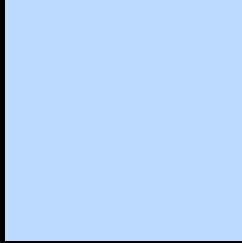
Large Text (above 18pt) WCAG AA × Fail

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 63.6019, 67.5371, 104.2915 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

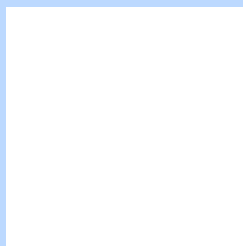
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6019, 67.5371, 104.2915

Background



This preview shows how black text looks on a background with the XYZ color 63.6019, 67.5371, 104.2915.



This preview shows how white text looks on a background with the XYZ color 63.6019, 67.5371,

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

63.6019, 67.5371, 104.2915

Protanopia

66.5678, 67.2371, 101.5650

Deuteranopia

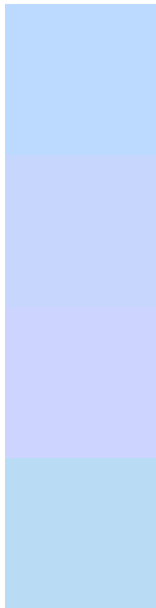
68.5820, 67.1171, 103.9480



Tritanopia

60.7930, 67.5498, 90.7232

Trichromacy



Original Color

63.6019, 67.5371, 104.2915

Protanomaly

65.3294, 67.3271, 102.4807

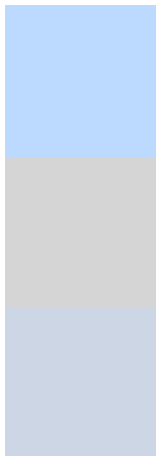
Deuteranomaly

66.7703, 67.2861, 104.0761

Tritanomaly

61.6682, 67.5090, 95.3682

Monochromacy



Original Color

63.6019, 67.5371, 104.2915

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.9520, 66.5319, 82.9228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6019, 67.5371, 104.2915 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(188, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 217, 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(188, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.6019, 67.5371, 104.2915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

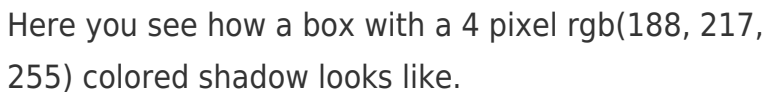
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 217, 255) }
```


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

```
.border{ border-color:rgb(188, 217, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6019, 67.5371, 104.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 217, 255) }
```

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

```
.background{ background-color: rgb(188,  
217, 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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