

Converting Colors

XYZ(61.5844, 63.5136,
103.5903)

Have a look what the booklet for
XYZ(61.5844, 63.5136, 103.5903)
contains.

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Color

**XYZ(61.5895, 63.5123,
103.6207)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD1FF
RGB	188, 209, 255
RGB Percent	74%, 82%, 100%
CMY	0.2627, 0.1804, 0.0000
CMYK	0.26, 0.18, 0.00, 0.00
HSL	221°, 100%, 87%
HSV	221°, 26%, 100%
XYZ	61.5895, 63.5123, 103.6207
YIQ	207.9650, -27.2820, 9.8540

Conversions

Conversions Part 2

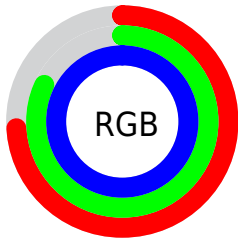
Format	Color
R _Y B	188, 204, 255
Decimal	12374527
CIE Lab	83.71, 2.88, -24.81
CIE LCh	84, 24.976, 276.629
Yxy	63.5123, 0.2693, 0.2777
Android (android.graphics.Color)	4290564607 (0xFFBCD1FF)
YUV	207.9650, 23.1883, -17.5093
Hunter-Lab	79.6946, -1.5174, -21.3040

Details

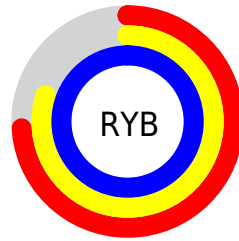
The XYZ color **61.5895, 63.5123, 103.6207** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.7400, 83.7360, 59.5387**, and the grayscale version is **59.8003, 62.9145, 68.5139**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **31.5873, 32.5065, 58.0356** is the 20% darker color. If you saturate the color by 10%, you get **51.7922, 52.4332, 101.9986**, and if you desaturate by 10%, it is **72.9723, 76.1125, 105.4529**.

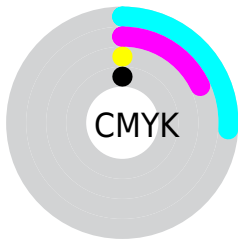
Distribution



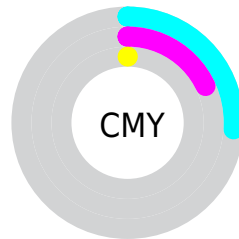
- Red (74%)
- Green (82%)
- Blue (100%)



- Red (74%)
- Yellow (80%)
- Blue (100%)



- Cyan (26%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5895, 63.5123, 103.6207 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 61.5895, 63.5123, 103.6207 by changing the saturation by 10% instead.

■ 61.5895, 63.5123,
103.6207

■ 61.5895, 63.5123,
103.6207

420.1736,
437.4263, 593.0852

■ 44.9554, 46.2558,
78.6941

■ 106.2253,
109.9083, 168.2191

■ 31.6235, 32.4477,
58.1245

134.9578,
139.8165, 208.7280

■ 21.2282, 21.7037,
41.4934

168.4537,
174.7108, 255.2681

■ 13.4043, 13.6393,
28.3822

207.0786,
214.9755, 308.2579

■ 7.7865, 7.8703,
18.3724

251.1976,
260.9950, 368.1160

■ 4.0093, 4.0120,
11.0455

301.1762,

■ 1.7074, 1.6803,

313.1537, 435.2609

5.9829

357.3798,
371.8360, 510.1111

■ 0.4609, 0.4109,
2.7661

■ 0.0000, 0.0000,
0.9765

■ 61.5895, 63.5123,
103.6207

■ 61.5895, 63.5123,
103.6207

■ 51.7922, 52.4332,
101.9986

■ 72.9723, 76.1125,
105.4529

■ 43.5013, 42.8072,
100.5776

■ 86.0037, 90.2832,
107.5013

■ 36.6389, 34.5720,
99.3497

95.0500, 100.0000,
108.9000

■ 31.1174, 27.6573,
98.3061

■ 26.8387, 21.9858,
97.4369

■ 23.6899, 17.4708,
96.7313

■ 21.5334, 14.0102,
96.1770

■ 20.9138, 12.9475,
96.0046

Harmonies

Analogous

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



56.2873, 63.5123, 100.6747



61.5895, 63.5123, 103.6207



66.8656, 63.5123, 96.2716

Triad

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



61.5895, 63.5123, 103.6207



69.2122, 63.5123, 52.6855



51.2122, 63.5123, 57.8737

Complementary

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



61.5895, 63.5123, 103.6207



79.7400, 83.7360, 59.5387

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.



54.3028, 63.5123, 47.6767



61.5895, 63.5123, 103.6207



64.6383, 63.5123, 45.0127

Square

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



61.5895, 63.5123, 103.6207



71.4352, 63.5123, 65.7330



59.1599, 63.5123, 43.3282



50.5047, 63.5123, 72.6919

Rectangle

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



61.5895, 63.5123, 103.6207



69.5888, 63.5123, 87.0932



59.1599, 63.5123, 43.3282



51.9974, 63.5123, 53.8648

Sweetspot

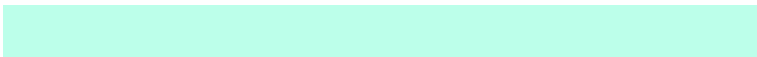
The Sweet Spot groups the original color and five complimentary colors.



61.5913, 63.5148, 103.6211



83.6327, 87.7216, 107.1318



71.3201, 88.1399, 90.9333



17.4676, 18.3067, 22.8629



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.



61.5913, 63.5148, 103.6211



55.7907, 56.9869, 102.6668



59.9298, 55.5066, 102.1629



17.4676, 18.3067, 22.8629



11.0447, 6.9991, 50.2034



1.1682, 0.8670, 4.9191

Inverse Universe

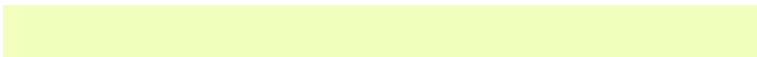
The Inverse Universe completely reimagines the original color for something new.



70.7330, 61.8315, 68.5310



66.5667, 55.4233, 61.2091



81.7021, 94.1554, 61.4464



18.2439, 18.0809, 19.9015



22.3631, 11.4345, 5.2964



2.2242, 1.1321, 0.7623

Previews

White Background



This preview shows how the XYZ color 61.5895, 63.5123, 103.6207 looks on a white background.

Color Contrast Check

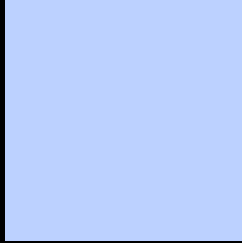
Large Text (above 18pt) WCAG AA × Fail

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 61.5895, 63.5123, 103.6207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

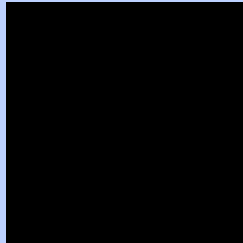
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5895, 63.5123, 103.6207

Background



This preview shows how black text looks on a background with the XYZ color 61.5895, 63.5123, 103.6207.



This preview shows how white text looks on a background with the XYZ color 61.5895, 63.5123,

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

61.5895, 63.5123, 103.6207

Protanopia

63.0896, 63.2402, 101.8099

Deuteranopia

64.8197, 63.3849, 103.4259



Tritanopia

57.6056, 63.3690, 84.0582

Trichromacy



Original Color

61.5895, 63.5123, 103.6207

Protanomaly

62.4504, 63.2507, 102.6831

Deuteranomaly

63.6745, 63.5047, 103.5094

Tritanomaly

59.1311, 63.6332, 90.8273

Monochromacy



Original Color

61.5895, 63.5123, 103.6207

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.2339, 62.9655, 80.2131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5895, 63.5123, 103.6207 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, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 209, 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, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.5895, 63.5123, 103.6207 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, 209, 255) }
```


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

```
.border{ border-color:rgb(188, 209, 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, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5895, 63.5123, 103.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 209, 255) }
```

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

```
.background{ background-color: rgb(188,  
209, 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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