

Converting Colors

XYZ(68.3026, 66.7313,
146.0049)

Have a look what the booklet for
XYZ(68.3026, 66.7313, 146.0049)
contains.

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Color

**XYZ(60.4003, 63.6323,
103.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D3FF
RGB	181, 211, 255
RGB Percent	71%, 83%, 100%
CMY	0.2902, 0.1725, 0.0000
CMYK	0.29, 0.17, 0.00, 0.00
HSL	216°, 100%, 85%
HSV	216°, 29%, 100%
XYZ	60.4003, 63.6323, 103.7066
YIQ	207.0460, -32.0040, 7.3240

Conversions

Conversions Part 2

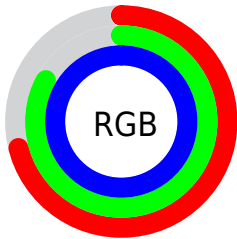
Format	Color
R _Y B	181, 202, 255
Decimal	11916287
CIE Lab	83.77, -0.19, -24.75
CIE LCh	84, 24.756, 269.559
Yxy	63.6323, 0.2652, 0.2794
Android (android.graphics.Color)	4290106367 (0xFFB5D3FF)
YUV	207.0460, 23.6413, -22.8423
Hunter-Lab	79.7699, -4.4403, -21.2424

Details

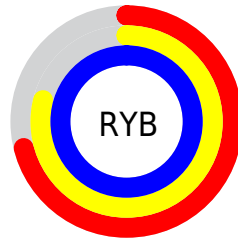
The XYZ color **60.4003, 63.6323, 103.7066** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.5058, 78.4463, 54.8271**, and the grayscale version is **59.2066, 62.2900, 67.8338**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **30.8542, 32.6268, 58.0975** is the 20% darker color. If you saturate the color by 10%, you get **51.3688, 53.6474, 102.2553**, and if you desaturate by 10%, it is **70.8849, 74.8967, 105.3282**.

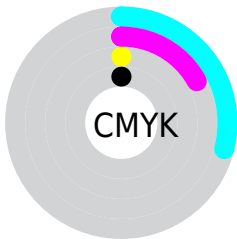
Distribution



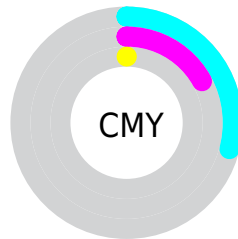
- Red (71%)
- Green (83%)
- Blue (100%)



- Red (71%)
- Yellow (79%)
- Blue (100%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4003, 63.6323, 103.7066 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 60.4003, 63.6323, 103.7066 by changing the saturation by 10% instead.

■ 60.4003, 63.6323,
103.7066

■ 60.4003, 63.6323,
103.7066

415.8828,
437.8606, 593.3600

■ 43.9921, 46.3529,
78.7656

■ 104.5132,
110.0812, 168.3378

■ 30.8622, 32.5244,
58.1829

132.9485,
140.0195, 208.8650

■ 20.6452, 21.7624,
41.5401

166.1236,
174.9463, 255.4248

■ 12.9759, 13.6824,
28.4184

204.4038,
215.2459, 308.4356

■ 7.4888, 7.9001,
18.3995

248.1545,
261.3028, 368.3160

■ 3.8187, 4.0311,
11.0648

297.7410,

■ 1.6001, 1.6910,

313.5012, 435.4845

5.9957

353.5286,
372.2257, 510.3596

■ 0.3925, 0.4178,
2.7737

■ 0.0000, 0.0000,
0.9803

■ 60.4003, 63.6323,
103.7066

■ 60.4003, 63.6323,
103.7066

■ 51.3688, 53.6474,
102.2553

■ 70.8849, 74.8967,
105.3282

■ 43.7156, 44.8844,
100.9672

■ 82.8819, 87.4807,
107.1249

■ 37.3666, 37.2915,
99.8363

95.0500, 100.0000,
108.9000

■ 32.2384, 30.8097,
98.8555

■ 28.2363, 25.3736,
98.0171

■ 25.2498, 20.9085,
97.3127

■ 23.1201, 17.3137,
96.7311

■ 22.9387, 16.9975,
96.6796

Harmonies

Analogous

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



55.3418, 63.6323, 98.4054



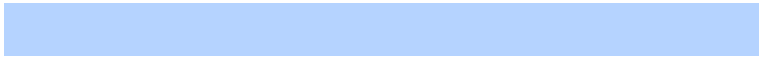
60.4003, 63.6323, 103.7066



65.7808, 63.6323, 98.6964

Triad

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



60.4003, 63.6323, 103.7066



70.0281, 63.6323, 55.5513



51.9154, 63.6323, 55.2081

Complementary

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



60.4003, 63.6323, 103.7066



76.5058, 78.4463, 54.8271

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.



55.4731, 63.6323, 46.3871



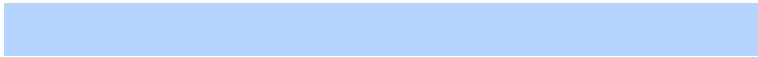
60.4003, 63.6323, 103.7066



65.9280, 63.6323, 46.5634

Square

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



60.4003, 63.6323, 103.7066



71.5374, 63.6323, 69.5151



60.5610, 63.6323, 43.4716



50.6262, 63.6323, 69.0550

Rectangle

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



60.4003, 63.6323, 103.7066



68.7829, 63.6323, 90.5550



60.5610, 63.6323, 43.4716



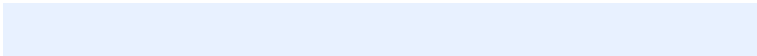
52.8748, 63.6323, 51.6369

Sweetspot

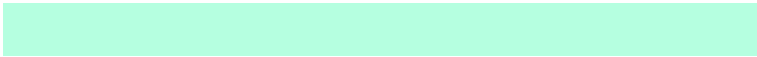
The Sweet Spot groups the original color and five complimentary colors.



60.4021, 63.6347, 103.7069



82.9054, 87.5050, 107.1283



68.2942, 86.7351, 83.7826



17.3508, 18.3197, 22.8715



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.



60.4021, 63.6347, 103.7069



54.8288, 57.5106, 102.8186



55.1096, 50.8553, 101.5192



17.6076, 18.5868, 22.9095



12.1233, 9.1562, 50.5629



1.2843, 1.0993, 4.9578

Inverse Universe

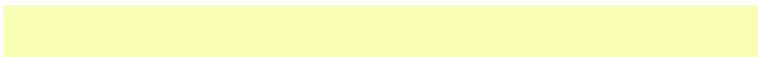
The Inverse Universe completely reimagines the original color for something new.



69.5229, 59.0124, 69.3570



65.4838, 52.7028, 62.5581



83.1085, 94.9655, 57.6677



18.3146, 18.1091, 20.2738



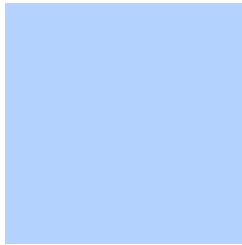
22.9075, 11.6523, 8.1632



2.2829, 1.1555, 1.0710

Previews

White Background



This preview shows how the XYZ color 60.4003, 63.6323, 103.7066 looks on a white background.

Color Contrast Check

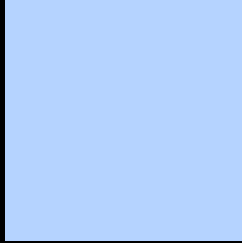
Large Text (above 18pt) WCAG AA × Fail

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 60.4003, 63.6323, 103.7066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

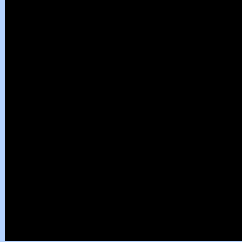
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

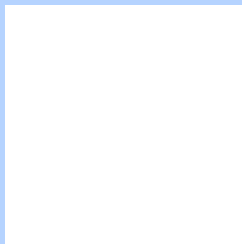
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4003, 63.6323, 103.7066

Background



This preview shows how black text looks on a background with the XYZ color 60.4003, 63.6323, 103.7066.



This preview shows how white text looks on a background with the XYZ color 60.4003, 63.6323,

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

60.4003, 63.6323, 103.7066

Protanopia

63.1952, 63.3130, 100.9853

Deuteranopia

64.8197, 63.3849, 103.4259



Tritanopia

56.7704, 63.6572, 85.6389

Trichromacy



Original Color

60.4003, 63.6323, 103.7066

Protanomaly

62.0237, 63.4101, 101.8989

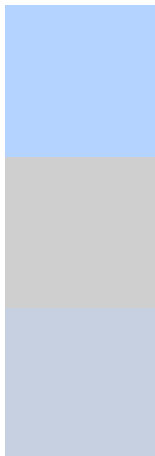
Deuteranomaly

63.1278, 63.5814, 103.5530

Tritanomaly

58.1348, 63.8494, 91.6982

Monochromacy



Original Color

60.4003, 63.6323, 103.7066

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2991, 62.4993, 79.4592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4003, 63.6323, 103.7066 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.4003, 63.6323, 103.7066 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, 211, 255) }
```


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

```
.border{ border-color:rgb(181, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4003, 63.6323, 103.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 211, 255) }
```

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

```
.background{ background-color: rgb(181,  
211, 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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