

Converting Colors

XYZ(63.3780, 66.4560,
104.0946)

Have a look what the booklet for
XYZ(63.3780, 66.4560, 104.0946)
contains.

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Color

**XYZ(63.3318, 66.2603,
104.0593)**

Conversions

Conversions Part 1

Format	Color
Hex	BED6FF
RGB	190, 214, 255
RGB Percent	75%, 84%, 100%
CMY	0.2549, 0.1608, 0.0000
CMYK	0.25, 0.16, 0.00, 0.00
HSL	218°, 100%, 87%
HSV	218°, 25%, 100%
XYZ	63.3318, 66.2603, 104.0593
YIQ	211.4980, -27.4650, 7.6630

Conversions

Conversions Part 2

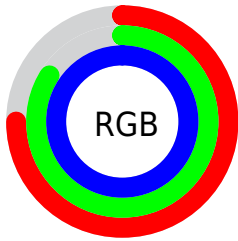
Format	Color
R_{YB}	190, 208, 255
Decimal	12506879
CIE _{Lab}	85.13, 0.81, -22.64
CIE _{LCh}	85, 22.656, 272.058
Yxy	66.2603, 0.2711, 0.2836
Android (android.graphics.Color)	4290696959 (0xFFBED6FF)
YUV	211.4980, 21.4465, -18.8537
Hunter-Lab	81.4004, -3.5728, -18.8138

Details

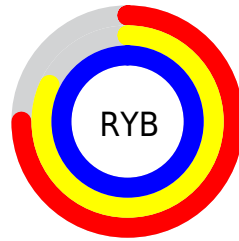
The XYZ color **63.3318, 66.2603, 104.0593** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1102, 82.1291, 60.4000**, and the grayscale version is **62.1233, 65.3586, 71.1755**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **32.5829, 34.0244, 58.2761** is the 20% darker color. If you saturate the color by 10%, you get **53.6398, 55.5180, 102.4967**, and if you desaturate by 10%, it is **74.5437, 78.3860, 105.8089**.

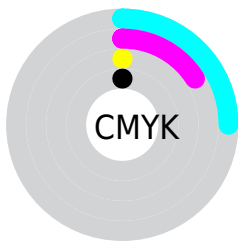
Distribution



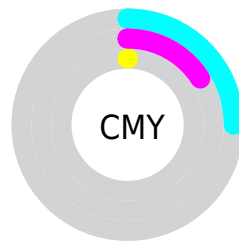
- Red (75%)
- Green (84%)
- Blue (100%)



- Red (75%)
- Yellow (82%)
- Blue (100%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3318, 66.2603, 104.0593 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 63.3318, 66.2603, 104.0593 by changing the saturation by 10% instead.

■ 63.3318, 66.2603,
104.0593

■ 63.3318, 66.2603,
104.0593

426.4132,
447.3072, 594.4877

■ 46.3693, 48.4837,
79.0592

■ 108.7272,
113.8599, 168.8248

■ 32.7432, 34.2101,
58.4229

137.8908,
144.4516, 209.4274

■ 22.0881, 23.0551,
41.7318

171.8522,
180.0839, 256.0679

■ 14.0386, 14.6342,
28.5673

210.9767,
221.1412, 309.1648

■ 8.2294, 8.5630,
18.5110

255.6298,
268.0077, 369.1367

■ 4.2951, 4.4573,
11.1443

306.1766,

■ 1.8704, 1.9325,

321.0680, 436.4021

6.0486

362.9826,
380.7064, 511.3796

■ 0.5596, 0.5678,
2.8054

■ 0.0000, 0.0000,
0.9961

■ 63.3318, 66.2603,
104.0593

■ 63.3318, 66.2603,
104.0593

■ 53.6398, 55.5180,
102.4967

■ 74.5437, 78.3860,
105.8089

■ 45.3925, 46.0983,
101.1132

■ 87.3348, 91.9374,
107.7504

■ 38.5164, 37.9469,
99.9022

95.0500, 100.0000,
108.9000

■ 32.9285, 31.0022,
98.8562

■ 28.5362, 25.1963,
97.9671

■ 25.2330, 20.4532,
97.2257

■ 22.8892, 16.6834,
96.6216

■ 22.0672, 15.2544,
96.3891

Harmonies

Analogous

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



58.4882, 66.2603, 99.9525



63.3318, 66.2603, 104.0593



68.3358, 66.2603, 98.7024

Triad

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



63.3318, 66.2603, 104.0593



71.6729, 66.2603, 58.2245



54.6955, 66.2603, 59.7543

Complementary

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



63.3318, 66.2603, 104.0593



79.1102, 82.1291, 60.4000

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.



57.9086, 66.2603, 50.8396



63.3318, 66.2603, 104.0593



67.6928, 66.2603, 50.0439

Square

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



63.3318, 66.2603, 104.0593



73.3106, 66.2603, 71.1408



62.6264, 66.2603, 47.5324



53.6657, 66.2603, 73.1611

Rectangle

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



63.3318, 66.2603, 104.0593



71.0446, 66.2603, 90.8566



62.6264, 66.2603, 47.5324



55.5471, 66.2603, 56.1989

Sweetspot

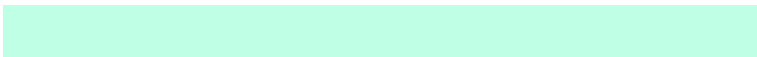
The Sweet Spot groups the original color and five complimentary colors.



63.3337, 66.2629, 104.0597



83.9708, 88.3976, 107.2445



71.2908, 88.1855, 88.1893



17.5523, 18.4763, 22.8911



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.



63.3337, 66.2629, 104.0597



57.8081, 60.1741, 103.1757



59.6439, 55.9979, 102.2728



17.5523, 18.4763, 22.8911



11.6608, 8.2311, 50.4088



1.2356, 1.0018, 4.9415

Inverse Universe

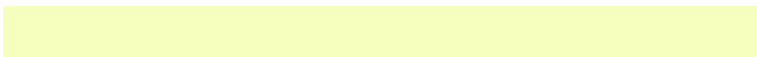
The Inverse Universe completely reimagines the original color for something new.



71.7923, 62.9436, 71.9867



67.7919, 56.7056, 65.2188



83.5596, 95.0879, 62.6668



18.2867, 18.0980, 20.1268



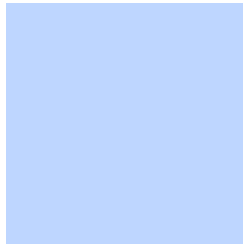
22.6740, 11.5589, 6.9339



2.2583, 1.1457, 0.9414

Previews

White Background



This preview shows how the XYZ color 63.3318, 66.2603, 104.0593 looks on a white background.

Color Contrast Check

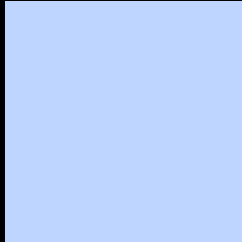
Large Text (above 18pt) WCAG AA × Fail

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 63.3318, 66.2603, 104.0593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

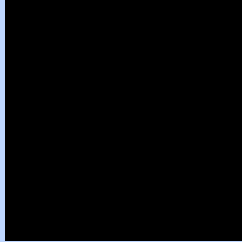
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

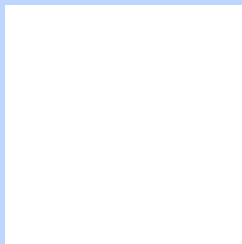
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3318, 66.2603, 104.0593

Background



This preview shows how black text looks on a background with the XYZ color 63.3318, 66.2603, 104.0593.



This preview shows how white text looks on a background with the XYZ color 63.3318, 66.2603,

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

63.3318, 66.2603, 104.0593

Protanopia

65.6781, 66.0224, 102.2105

Deuteranopia

67.4698, 66.1806, 103.8258



Tritanopia

60.0580, 66.0630, 88.1833

Trichromacy



Original Color

63.3318, 66.2603, 104.0593

Protanomaly

64.7368, 65.8864, 103.0713

Deuteranomaly

65.7252, 66.0097, 103.8848

Tritanomaly

61.0764, 66.0873, 93.5415

Monochromacy



Original Color

63.3318, 66.2603, 104.0593

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.6997, 66.0273, 82.8387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3318, 66.2603, 104.0593 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(190, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 214, 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(190, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.3318, 66.2603, 104.0593 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(190, 214, 255) }
```


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

```
.border{ border-color:rgb(190, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3318, 66.2603, 104.0593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 214, 255) }
```

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

```
.background{ background-color: rgb(190,  
214, 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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