

Converting Colors

XYZ(63.0598, 66.7403,
104.1663)

Have a look what the booklet for
XYZ(63.0598, 66.7403, 104.1663)
contains.

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Color

**XYZ(63.0994, 66.8965,
104.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD8FF
RGB	187, 216, 255
RGB Percent	73%, 85%, 100%
CMY	0.2667, 0.1529, 0.0000
CMYK	0.27, 0.15, 0.00, 0.00
HSL	214°, 100%, 87%
HSV	214°, 27%, 100%
XYZ	63.0994, 66.8965, 104.1944
YIQ	211.7750, -29.8030, 5.9810

Conversions

Conversions Part 2

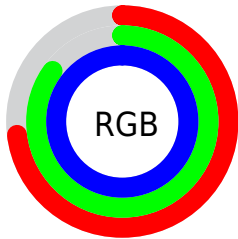
Format	Color
R _Y B	187, 207, 255
Decimal	12310783
CIE Lab	85.45, -1.11, -22.17
CIE LCh	85, 22.198, 267.129
Yxy	66.8965, 0.2694, 0.2857
Android (android.graphics.Color)	4290500863 (0xFFBBD8FF)
YUV	211.7750, 21.3099, -21.7277
Hunter-Lab	81.7903, -5.4242, -18.2776

Details

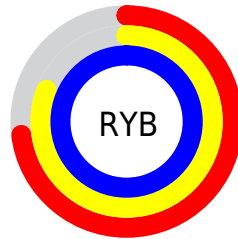
The XYZ color **63.0994, 66.8965, 104.1944** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.4061, 79.2403, 58.2307**, and the grayscale version is **62.3087, 65.5536, 71.3879**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **32.4536, 34.4725, 58.3694** is the 20% darker color. If you saturate the color by 10%, you get **53.8249, 56.8002, 102.7344**, and if you desaturate by 10%, it is **73.8187, 78.2360, 105.8181**.

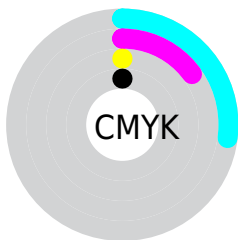
Distribution



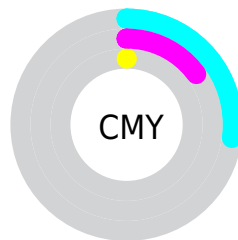
- Red (73%)
- Green (85%)
- Blue (100%)



- Red (73%)
- Yellow (81%)
- Blue (100%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0994, 66.8965, 104.1944 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 63.0994, 66.8965, 104.1944 by changing the saturation by 10% instead.

63.0994, 66.8965,
104.1944

63.0994, 66.8965,
104.1944

425.5841,
449.5763, 594.9194

46.1806, 49.0005,
79.1717

108.3939,
114.7721, 169.0114

32.5936, 34.6199,
58.5149

137.5003,
145.5205, 209.6427

21.9730, 23.3702,
41.8053

171.3999,
181.3218, 256.3141

13.9536, 14.8671,
28.6244

210.4582,
222.5605, 309.4439

8.1699, 8.7262,
18.5537

255.0403,
269.6209, 369.4509

4.2565, 4.5630,
11.1747

305.5118,

1.8483, 1.9932,

322.8874, 436.7534

6.0688

362.2379,
382.7444, 511.7700

■ 0.5465, 0.6035,
2.8175

■ 0.0000, 0.0000,
1.0022

■ 63.0994, 66.8965,
104.1944

■ 63.0994, 66.8965,
104.1944

■ 53.8249, 56.8002,
102.7344

■ 73.8187, 78.2360,
105.8181

■ 45.9225, 47.8917,
101.4314

■ 86.0399, 90.8554,
107.6098

■ 39.3208, 40.1226,
100.2797

95.0500, 100.0000,
108.9000

■ 33.9396, 33.4375,
99.2730

■ 29.6886, 27.7752,
98.4041

■ 26.4628, 23.0662,
97.6652

■ 24.1327, 19.2273,
97.0471

■ 23.4929, 18.1058,
96.8643

Harmonies

Analogous

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



58.4712, 66.8965, 98.7013



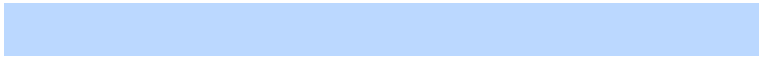
63.0994, 66.8965, 104.1944



68.1016, 66.8965, 100.4118

Triad

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



63.0994, 66.8965, 104.1944



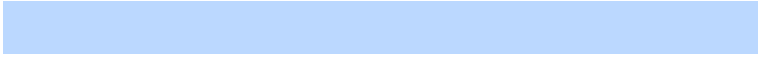
72.5960, 66.8965, 60.9111



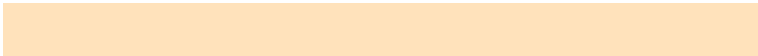
55.7922, 66.8965, 58.8007

Complementary

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



63.0994, 66.8965, 104.1944



77.4061, 79.2403, 58.2307

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.



59.2691, 66.8965, 50.8411



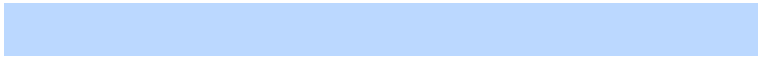
63.0994, 66.8965, 104.1944



68.9847, 66.8965, 51.9418

Square

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



63.0994, 66.8965, 104.1944



73.7526, 66.8965, 74.2366



64.0693, 66.8965, 48.5044



54.3943, 66.8965, 71.4589

Rectangle

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



63.0994, 66.8965, 104.1944



70.9470, 66.8965, 93.3818



64.0693, 66.8965, 48.5044



56.7473, 66.8965, 55.5540

Sweetspot

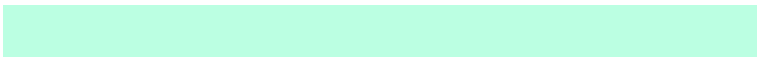
The Sweet Spot groups the original color and five complimentary colors.



63.1013, 66.8991, 104.1948



84.3197, 89.0955, 107.3608



69.9180, 87.5507, 84.8312



17.6399, 18.6515, 22.9203



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.



63.1013, 66.8991, 104.1948



57.9775, 61.3606, 103.3958



57.4421, 53.9081, 101.9855



17.6399, 18.6515, 22.9203



12.4164, 9.7424, 50.6606



1.3146, 1.1599, 4.9679

Inverse Universe

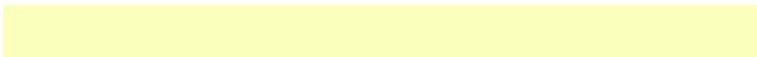
The Inverse Universe completely reimagines the original color for something new.



71.4062, 61.7602, 73.1260



67.6705, 55.8648, 67.0217



84.3219, 95.5184, 61.0082



18.3309, 18.1157, 20.3597



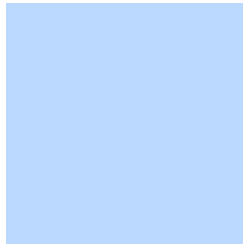
23.0554, 11.7115, 8.9423



2.2982, 1.1616, 1.1515

Previews

White Background



This preview shows how the XYZ color 63.0994, 66.8965, 104.1944 looks on a white background.

Color Contrast Check

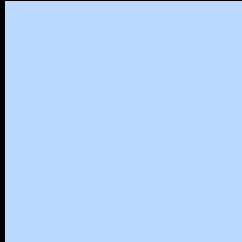
Large Text (above 18pt) WCAG AA × Fail

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 63.0994, 66.8965, 104.1944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

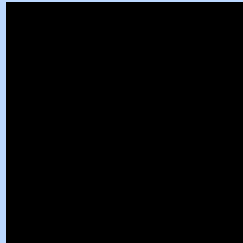
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

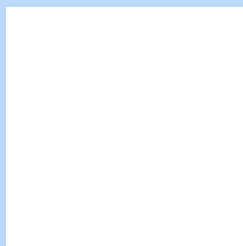
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0994, 66.8965, 104.1944

Background



This preview shows how black text looks on a background with the XYZ color 63.0994, 66.8965, 104.1944.



This preview shows how white text looks on a background with the XYZ color 63.0994, 66.8965,

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

63.0994, 66.8965, 104.1944

Protanopia

66.0418, 66.5959, 101.4690

Deuteranopia

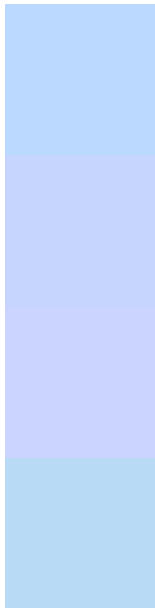
68.0018, 66.8180, 103.9208



Tritanopia

60.1460, 66.8447, 89.8531

Trichromacy



Original Color

63.0994, 66.8965, 104.1944

Protanomaly

64.8126, 66.6861, 102.3842

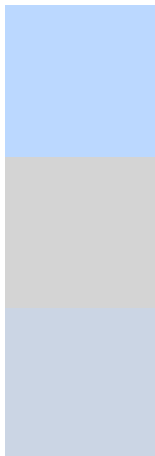
Deuteranomaly

66.2221, 67.0035, 104.0504

Tritanomaly

61.1677, 66.8648, 95.2703

Monochromacy



Original Color

63.0994, 66.8965, 104.1944

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.4264, 65.8864, 82.8259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0994, 66.8965, 104.1944 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(187, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 216, 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(187, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.0994, 66.8965, 104.1944 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(187, 216, 255) }
```


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

```
.border{ border-color:rgb(187, 216, 255) }
```

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

Here you see how a box with a 4 pixel rgb(187, 216, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0994, 66.8965, 104.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 216, 255) }
```

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

```
.background{ background-color: rgb(187,  
216, 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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