

Converting Colors

XYZ(68.7543, 67.4227,
130.7792)

Have a look what the booklet for
XYZ(68.7543, 67.4227, 130.7792)
contains.

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Color

**XYZ(63.5924, 65.2779,
103.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D3FF
RGB	194, 211, 255
RGB Percent	76%, 83%, 100%
CMY	0.2392, 0.1725, 0.0000
CMYK	0.24, 0.17, 0.00, 0.00
HSL	223°, 100%, 88%
HSV	223°, 24%, 100%
XYZ	63.5924, 65.2779, 103.8560
YIQ	210.9330, -24.2560, 10.0800

Conversions

Conversions Part 2

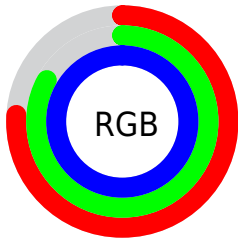
Format	Color
R _Y B	194, 207, 255
Decimal	12768255
CIE Lab	84.63, 3.58, -23.38
CIE LCh	85, 23.651, 278.699
Yxy	65.2779, 0.2732, 0.2805
Android (android.graphics.Color)	4290958335 (0xFFC2D3FF)
YUV	210.9330, 21.7250, -14.8502
Hunter-Lab	80.7947, -0.8960, -19.6568

Details

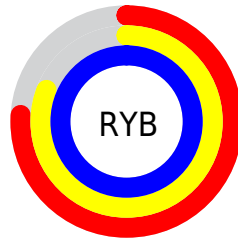
The XYZ color **63.5924, 65.2779, 103.8560** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5520, 86.3033, 63.4006**, and the grayscale version is **61.7468, 64.9625, 70.7441**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.8975, 33.6801, 58.1931** is the 20% darker color. If you saturate the color by 10%, you get **53.2900, 53.5687, 102.1389**, and if you desaturate by 10%, it is **75.5442, 78.6167, 105.8007**.

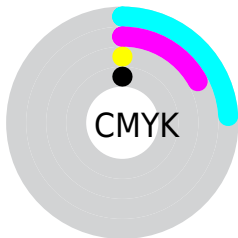
Distribution



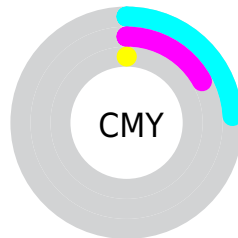
- Red (76%)
- Green (83%)
- Blue (100%)



- Red (76%)
- Yellow (81%)
- Blue (100%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5924, 65.2779, 103.8560 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 63.5924, 65.2779, 103.8560 by changing the saturation by 10% instead.

■ 63.5924, 65.2779,
103.8560

■ 63.5924, 65.2779,
103.8560

427.3418,
443.7899, 593.8378

■ 46.5811, 47.6865,
78.8900

■ 109.1007,
112.4493, 168.5441

■ 32.9112, 33.5787,
58.2846

138.3285,
142.7980, 209.1033

■ 22.2173, 22.5701,
41.6212

172.3590,
178.1680, 255.6972

■ 14.1342, 14.2764,
28.4815

211.5578,
218.9436, 308.7445

■ 8.2964, 8.3132,
18.4467

256.2901,
265.5092, 368.6637

■ 4.3386, 4.2960,
11.0984

306.9213,

■ 1.8954, 1.8405,

318.2492, 435.8733

6.0181

363.8167,
377.5480, 510.7918

■ 0.5742, 0.5122,
2.7871

■ 0.0000, 0.0000,
0.9870

■ 63.5924, 65.2779,
103.8560

■ 63.5924, 65.2779,
103.8560

■ 53.2900, 53.5687,
102.1389

■ 75.5442, 78.6167,
105.8007

■ 44.5567, 43.4169,
100.6396

■ 89.2099, 93.6383,
107.9799

■ 37.3133, 34.7558,
99.3496

95.0500, 100.0000,
108.9000

■ 31.4715, 27.5106,
98.2591

■ 26.9326, 21.5995,
97.3574

■ 23.5843, 16.9309,
96.6327

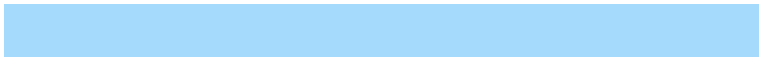
■ 21.2920, 13.3993,
96.0718

■ 20.3080, 11.7361,
95.8027

Harmonies

Analogous

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



58.4301, 65.2779, 101.7439



63.5924, 65.2779, 103.8560



68.6093, 65.2779, 96.2616

Triad

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



63.5924, 65.2779, 103.8560



70.3078, 65.2779, 54.4075



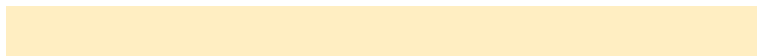
53.0607, 65.2779, 61.0313

Complementary

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



63.5924, 65.2779, 103.8560



81.5520, 86.3033, 63.4006

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.



55.9127, 65.2779, 50.7186



63.5924, 65.2779, 103.8560



65.8053, 65.2779, 47.2885

Square

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



63.5924, 65.2779, 103.8560



72.6281, 65.2779, 66.7704



60.5223, 65.2779, 46.0410



52.5428, 65.2779, 75.5640

Rectangle

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



63.5924, 65.2779, 103.8560



71.1274, 65.2779, 87.2733



60.5223, 65.2779, 46.0410



53.7701, 65.2779, 57.0190

Sweetspot

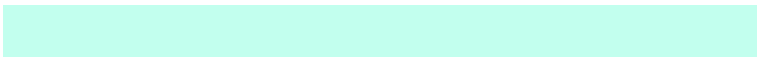
The Sweet Spot groups the original color and five complimentary colors.



63.5942, 65.2804, 103.8564



84.8146, 88.8292, 107.2833



73.4000, 89.1462, 94.0098



17.9736, 18.8155, 22.9344



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.



63.5942, 65.2804, 103.8564



58.1591, 59.1323, 102.9561



63.1358, 59.1018, 102.6879



17.4151, 18.2018, 22.8454



10.7186, 6.3468, 50.0947



1.1309, 0.7925, 4.9066

Inverse Universe

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



72.2909, 64.5482, 70.2798



68.3947, 58.5764, 63.3690



82.0418, 94.2542, 64.9095



18.2174, 18.0703, 19.7621



22.1985, 11.3687, 4.4296



2.2054, 1.1245, 0.6632

Previews

White Background



This preview shows how the XYZ color 63.5924, 65.2779, 103.8560 looks on a white background.

Color Contrast Check

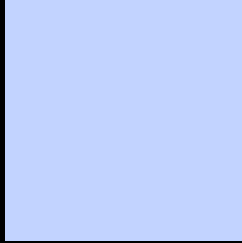
Large Text (above 18pt) WCAG AA × Fail

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 63.5924, 65.2779, 103.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

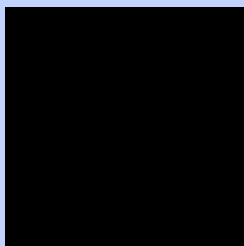
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

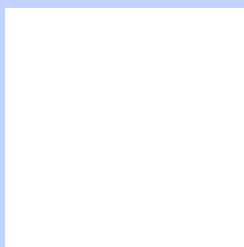
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5924, 65.2779, 103.8560

Background



This preview shows how black text looks on a background with the XYZ color 63.5924, 65.2779, 103.8560.



This preview shows how white text looks on a background with the XYZ color 63.5924, 65.2779,

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

63.5924, 65.2779, 103.8560

Protanopia

64.7773, 65.1742, 102.9317

Deuteranopia

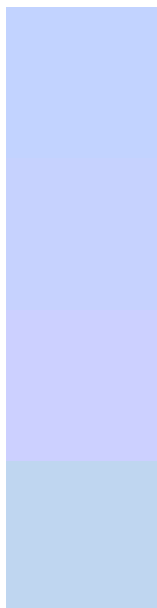
66.4158, 64.9179, 103.6377



Tritanopia

59.8522, 65.2459, 85.7831

Trichromacy



Original Color

63.5924, 65.2779, 103.8560

Protanomaly

64.2247, 65.2547, 102.9763

Deuteranomaly

65.5077, 65.1691, 103.7340

Tritanomaly

61.2606, 65.4608, 91.8445

Monochromacy



Original Color

63.5924, 65.2779, 103.8560

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.3362, 65.1137, 81.9558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5924, 65.2779, 103.8560 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(194, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.5924, 65.2779, 103.8560 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(194, 211, 255) }
```


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

```
.border{ border-color:rgb(194, 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(194, 211, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5924, 65.2779, 103.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 211, 255) }
```

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

```
.background{ background-color: rgb(194,  
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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