

Converting Colors

XYZ(65.1058, 65.3894,
103.7977)

Have a look what the booklet for
XYZ(65.1058, 65.3894, 103.7977)
contains.

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Color

**XYZ(64.9379, 65.2384,
103.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D1FF
RGB	201, 209, 255
RGB Percent	79%, 82%, 100%
CMY	0.2118, 0.1804, 0.0000
CMYK	0.21, 0.18, 0.00, 0.00
HSL	231°, 100%, 89%
HSV	231°, 21%, 100%
XYZ	64.9379, 65.2384, 103.7774
YIQ	211.8520, -19.5340, 12.6100

Conversions

Conversions Part 2

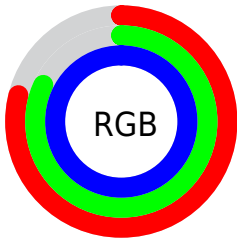
Format	Color
RYP	201, 208, 255
Decimal	13226495
CIELab	84.61, 6.73, -23.36
CIElCh	85, 24.314, 286.062
Yxy	65.2384, 0.2776, 0.2789
Android (android.graphics.Color)	4291416575 (0xFFC9D1FF)
YUV	211.8520, 21.2720, -9.5172
Hunter-Lab	80.7703, 2.1629, -19.6393

Details

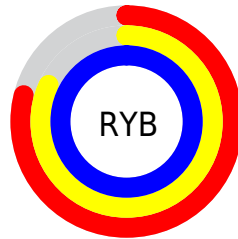
The XYZ color **64.9379, 65.2384, 103.7774** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0434, 91.9980, 68.5354**, and the grayscale version is **62.3551, 65.6025, 71.4411**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7684, 33.6309, 58.1377** is the 20% darker color. If you saturate the color by 10%, you get **53.6727, 52.0531, 101.8261**, and if you desaturate by 10%, it is **78.0713, 80.4686, 106.0249**.

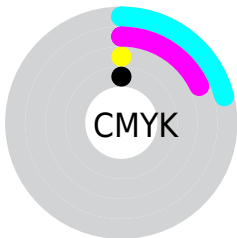
Distribution



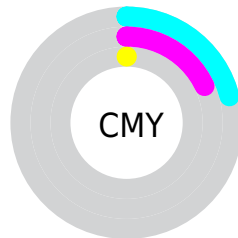
- Red (79%)
- Green (82%)
- Blue (100%)



- Red (79%)
- Yellow (82%)
- Blue (100%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9379, 65.2384, 103.7774 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 64.9379, 65.2384, 103.7774 by changing the saturation by 10% instead.

■ 64.9379, 65.2384,
103.7774

■ 64.9379, 65.2384,
103.7774

432.1175,
443.6482, 593.5865

■ 47.6752, 47.6544,
78.8245

111.0268,
112.3925, 168.4356

■ 33.7800, 33.5533,
58.2311

140.5837,
142.7315, 208.9780

■ 22.8867, 22.5506,
41.5785

174.9694,
178.0909, 255.5539

■ 14.6301, 14.2621,
28.4483

214.5493,
218.8551, 308.5820

■ 8.6448, 8.3032,
18.4219

259.6887,
265.4085, 368.4808

■ 4.5655, 4.2895,
11.0807

310.7530,

■ 2.0268, 1.8368,

318.1356, 435.6687

6.0063

368.1075,
377.4207, 510.5645

■ 0.6489, 0.5100,
2.7801

■ 0.0000, 0.0000,
0.9835

■ 64.9379, 65.2384,
103.7774

■ 64.9379, 65.2384,
103.7774

■ 53.6727, 52.0531,
101.8261

■ 78.0713, 80.4686,
106.0249

■ 44.1849, 40.8176,
100.1575

■ 93.1470, 97.8181,
108.5791

■ 36.3841, 31.4407,
98.7588

■ 95.0500, 100.0000,
108.9000

■ 30.1700, 23.8210,
97.6155

■ 25.4313, 17.8469,
96.7122

■ 22.0417, 13.3937,
96.0313

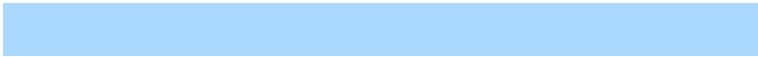
■ 19.8529, 10.3181,
95.5530

■ 18.7363, 8.5925,
95.2788

Harmonies

Analogous

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



59.5288, 65.2384, 104.1470



64.9379, 65.2384, 103.7774



69.8249, 65.2384, 93.8407

Triad

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



64.9379, 65.2384, 103.7774



69.5293, 65.2384, 51.6222



52.4253, 65.2384, 64.0791

Complementary

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



64.9379, 65.2384, 103.7774



85.0434, 91.9980, 68.5354

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.



54.7959, 65.2384, 52.2579



64.9379, 65.2384, 103.7774



64.5534, 65.2384, 45.8080

Square

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



64.9379, 65.2384, 103.7774



72.5794, 65.2384, 63.0853



59.1659, 65.2384, 46.0223



52.5149, 65.2384, 79.6228

Rectangle

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



64.9379, 65.2384, 103.7774



72.0367, 65.2384, 83.8553



59.1659, 65.2384, 46.0223



52.9546, 65.2384, 59.5902

Sweetspot

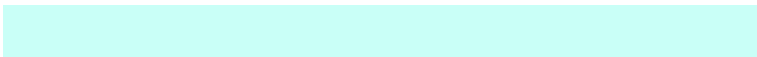
The Sweet Spot groups the original color and five complimentary colors.



64.9397, 65.2410, 103.7778



85.6258, 89.1775, 107.3078



76.6214, 90.6472, 101.3735



18.1171, 18.8456, 22.9326



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.



64.9397, 65.2410, 103.7778



60.4147, 59.9607, 102.9971



68.4229, 64.1951, 103.3924



17.2202, 17.8120, 22.7804



9.8549, 4.6193, 49.8068



1.0208, 0.5724, 4.8699

Inverse Universe

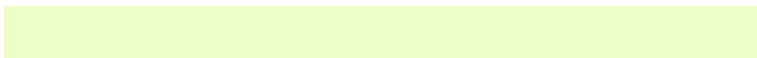
The Inverse Universe completely reimagines the original color for something new.



73.6365, 67.6384, 69.4988



70.4323, 62.8335, 63.4871



80.9286, 93.5874, 69.0590



18.1190, 18.0309, 19.2440



21.7625, 11.1943, 2.1337



2.1499, 1.1023, 0.3707

Previews

White Background



This preview shows how the XYZ color 64.9379, 65.2384, 103.7774 looks on a white background.

Color Contrast Check

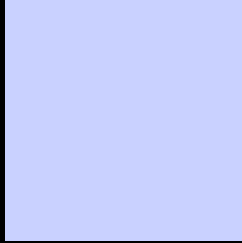
Large Text (above 18pt) WCAG AA × Fail

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 64.9379, 65.2384, 103.7774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

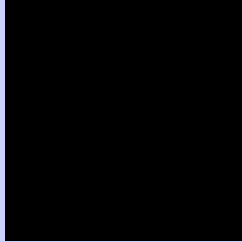
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9379, 65.2384, 103.7774

Background



This preview shows how black text looks on a background with the XYZ color 64.9379, 65.2384, 103.7774.



This preview shows how white text looks on a background with the XYZ color 64.9379, 65.2384,

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

64.9379, 65.2384, 103.7774

Protanopia

64.9379, 65.2384, 103.7774

Deuteranopia

66.4158, 64.9179, 103.6377



Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

64.9379, 65.2384, 103.7774

Protanomaly

64.9379, 65.2384, 103.7774

Deuteranomaly

65.8164, 64.9675, 103.6788

Tritanomaly

62.4122, 65.3247, 90.9808

Monochromacy



Original Color

64.9379, 65.2384, 103.7774

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.3103, 65.5999, 82.7240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9379, 65.2384, 103.7774 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(201, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.9379, 65.2384, 103.7774 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(201, 209, 255) }
```


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

```
.border{ border-color:rgb(201, 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(201, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9379, 65.2384, 103.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 209, 255) }
```

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

```
.background{ background-color: rgb(201,  
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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