

Converting Colors

XYZ(65.5233, 66.2591,
103.6454)

Have a look what the booklet for
XYZ(65.5233, 66.2591, 103.6454)
contains.

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Color

**XYZ(65.7014, 66.3651,
103.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD3FF
RGB	202, 211, 255
RGB Percent	79%, 83%, 100%
CMY	0.2078, 0.1725, 0.0000
CMYK	0.21, 0.17, 0.00, 0.00
HSL	230°, 100%, 90%
HSV	230°, 21%, 100%
XYZ	65.7014, 66.3651, 103.9546
YIQ	213.3250, -19.4880, 11.7760

Conversions

Conversions Part 2

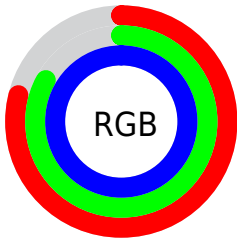
Format	Color
R _Y B	202, 210, 255
Decimal	13292543
CIE Lab	85.18, 5.96, -22.48
CIE LCh	85, 23.261, 284.857
Yxy	66.3651, 0.2784, 0.2812
Android (android.graphics.Color)	4291482623 (0xFFCAD3FF)
YUV	213.3250, 20.5458, -9.9320
Hunter-Lab	81.4648, 1.3970, -18.6327

Details

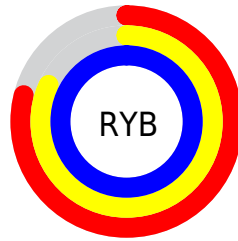
The XYZ color **65.7014, 66.3651, 103.9546** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8563, 91.4349, 69.0552**, and the grayscale version is **63.3411, 66.6397, 72.5707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2826, 34.3942, 58.2579** is the 20% darker color. If you saturate the color by 10%, you get **54.4463, 53.2646, 102.0192**, and if you desaturate by 10%, it is **78.7928, 81.4436, 106.1751**.

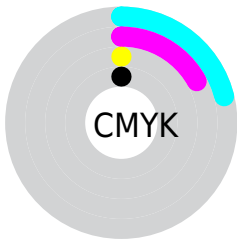
Distribution



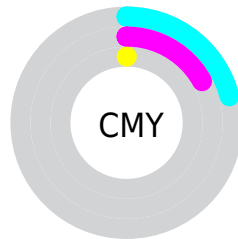
- Red (79%)
- Green (83%)
- Blue (100%)



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



- Cyan (21%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7014, 66.3651, 103.9546 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 65.7014, 66.3651, 103.9546 by changing the saturation by 10% instead.

■ 65.7014, 66.3651,
103.9546

■ 65.7014, 66.3651,
103.9546

434.8137,
447.6815, 594.1531

■ 48.2969, 48.5688,
78.9721

112.1178,
114.0102, 168.6803

■ 34.2743, 34.2776,
58.3517

141.8603,
144.6278, 209.2605

■ 23.2683, 23.1069,
41.6748

176.4462,
180.2880, 255.8770

■ 14.9135, 14.6725,
28.5231

216.2408,
221.3752, 308.9484

■ 8.8446, 8.5899,
18.4779

261.6095,
268.2737, 368.8931

■ 4.6963, 4.4746,
11.1207

312.9177,

■ 2.1031, 1.9425,

321.3680, 436.1298

6.0329

370.5306,
381.0425, 511.0769

■ 0.6909, 0.5737,
2.7960

■ 0.0000, 0.0000,
0.9914

■ 65.7014, 66.3651,
103.9546

■ 65.7014, 66.3651,
103.9546

■ 54.4463, 53.2646,
102.0192

■ 78.7928, 81.4436,
106.1751

■ 44.9391, 42.0517,
100.3560

■ 93.7924, 98.5699,
108.6902

■ 37.0924, 32.6406,
98.9530

■ 95.0500, 100.0000,
108.9000

■ 30.8089, 24.9356,
97.7970

■ 25.9809, 18.8318,
96.8733

■ 22.4864, 14.2124,
96.1658

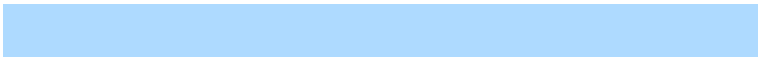
■ 20.1827, 10.9436,
95.6563

■ 18.9253, 8.9705,
95.3418

Harmonies

Analogous

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



60.4780, 66.3651, 103.9069



65.7014, 66.3651, 103.9546



70.4680, 66.3651, 94.7481

Triad

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



65.7014, 66.3651, 103.9546



70.5065, 66.3651, 53.7298



53.8286, 66.3651, 64.9692

Complementary

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



65.7014, 66.3651, 103.9546



84.8563, 91.4349, 69.0552

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.



56.2237, 66.3651, 53.6459



65.7014, 66.3651, 103.9546



65.7515, 66.3651, 47.7960

Square

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



65.7014, 66.3651, 103.9546



73.3450, 66.3651, 65.0995



60.5255, 66.3651, 47.7676



53.8169, 66.3651, 79.9279

Rectangle

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



65.7014, 66.3651, 103.9546



72.6628, 66.3651, 85.2506



60.5255, 66.3651, 47.7676



54.3756, 66.3651, 60.6616

Sweetspot

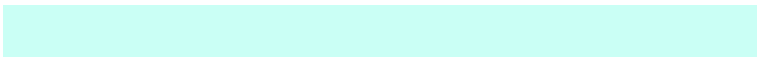
The Sweet Spot groups the original color and five complimentary colors.



65.7033, 66.3677, 103.9551



85.7245, 89.3750, 107.3407



76.6427, 90.6869, 100.0784



18.1404, 18.8921, 22.9404



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.



65.7033, 66.3677, 103.9551



60.7376, 60.6065, 103.1047



68.3201, 64.4892, 103.4545



17.2523, 17.8762, 22.7911



9.9612, 4.8319, 49.8422



1.0360, 0.6027, 4.8750

Inverse Universe

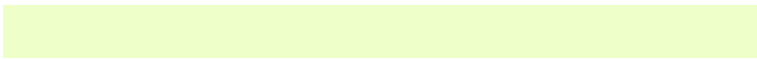
The Inverse Universe completely reimagines the original color for something new.



74.1196, 68.2058, 70.8895



70.5953, 62.8987, 64.3454



81.7540, 93.9992, 69.7137



18.1352, 18.0374, 19.3294



21.8161, 11.2157, 2.4163



2.1575, 1.1054, 0.4111

Previews

White Background



This preview shows how the XYZ color 65.7014, 66.3651, 103.9546 looks on a white background.

Color Contrast Check

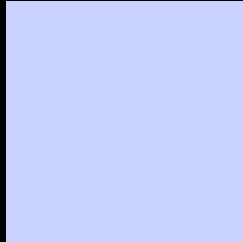
Large Text (above 18pt) WCAG AA × Fail

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 65.7014, 66.3651, 103.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

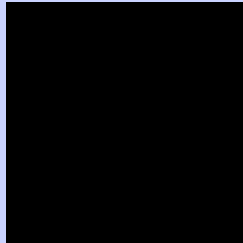
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7014, 66.3651, 103.9546

Background



This preview shows how black text looks on a background with the XYZ color 65.7014, 66.3651, 103.9546.



This preview shows how white text looks on a background with the XYZ color 65.7014, 66.3651,

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

65.7014, 66.3651, 103.9546

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

67.7573, 66.3288, 103.8393



Tritanopia

62.1546, 66.4328, 85.8909

Trichromacy



Original Color

65.7014, 66.3651, 103.9546

Protanomaly

65.9729, 66.5050, 103.9674

Deuteranomaly

66.8629, 66.2308, 103.8675

Tritanomaly

63.3279, 66.5265, 91.9412

Monochromacy



Original Color

65.7014, 66.3651, 103.9546

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8416, 66.2437, 82.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7014, 66.3651, 103.9546 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(202, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.7014, 66.3651, 103.9546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

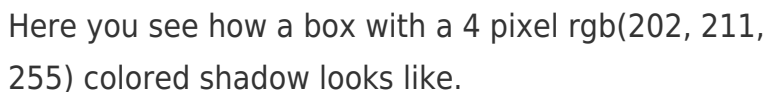
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 211, 255) }
```


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

```
.border{ border-color:rgb(202, 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(202, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7014, 66.3651, 103.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 255) }
```

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

```
.background{ background-color: rgb(202,  
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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