

Converting Colors

XYZ(65.3360, 66.2515,
103.9520)

Have a look what the booklet for
XYZ(65.3360, 66.2515, 103.9520)
contains.

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Color

**XYZ(65.1637, 66.0879,
103.9295)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D3FF
RGB	200, 211, 255
RGB Percent	78%, 83%, 100%
CMY	0.2157, 0.1725, 0.0000
CMYK	0.22, 0.17, 0.00, 0.00
HSL	228°, 100%, 89%
HSV	228°, 22%, 100%
XYZ	65.1637, 66.0879, 103.9295
YIQ	212.7270, -20.6800, 11.3520

Conversions

Conversions Part 2

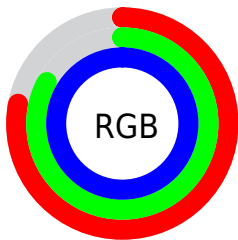
Format	Color
RYB	200, 209, 255
Decimal	13161471
CIELab	85.04, 5.36, -22.71
CIELCh	85, 23.335, 283.286
Yxy	66.0879, 0.2771, 0.2810
Android (android.graphics.Color)	4291351551 (0xFFC8D3FF)
YUV	212.7270, 20.8406, -11.1616
Hunter-Lab	81.2945, 0.8160, -18.8921

Details

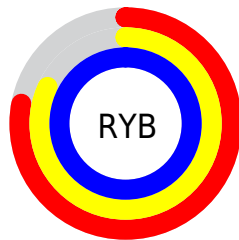
The XYZ color **65.1637, 66.0879, 103.9295** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0159, 90.1307, 67.6142**, and the grayscale version is **62.9403, 66.2181, 72.1115**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9271, 34.2109, 58.2413** is the 20% darker color. If you saturate the color by 10%, you get **54.1627, 53.3663, 102.0538**, and if you desaturate by 10%, it is **77.9473, 80.6864, 106.0735**.

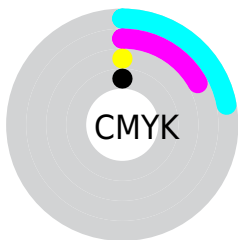
Distribution



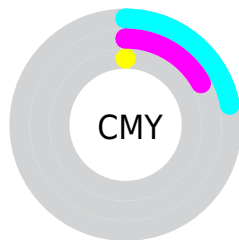
- Red (78%)
- Green (83%)
- Blue (100%)



- Red (78%)
- Yellow (82%)
- Blue (100%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1637, 66.0879, 103.9295 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 65.1637, 66.0879, 103.9295 by changing the saturation by 10% instead.

■ 65.1637, 66.0879,
103.9295

■ 65.1637, 66.0879,
103.9295

432.9159,
446.6912, 594.0728

■ 47.8590, 48.3438,
78.9512

111.3496,
113.6125, 168.6456

■ 33.9260, 34.0992,
58.3346

140.9615,
144.1617, 209.2205

■ 22.9994, 22.9698,
41.6612

175.4065,
179.7481, 255.8313

■ 14.7138, 14.5712,
28.5125

215.0500,
220.7560, 308.8965

■ 8.7038, 8.5190,
18.4700

260.2574,
267.5699, 368.8347

■ 4.6040, 4.4288,
11.1150

311.3939,

■ 2.0492, 1.9162,

320.5741, 436.0645

6.0291

368.8250,
380.1531, 511.0043

■ 0.6614, 0.5581,
2.7937

■ 0.0000, 0.0000,
0.9903

■ 65.1637, 66.0879,
103.9295

■ 65.1637, 66.0879,
103.9295

■ 54.1627, 53.3663,
102.0538

■ 77.9473, 80.6864,
106.0735

■ 44.8584, 42.4367,
100.4346

■ 92.5831, 97.2266,
108.4947

■ 37.1661, 33.2194,
99.0609

■ 95.0500, 100.0000,
108.9000

■ 30.9915, 25.6252,
97.9205

■ 26.2298, 19.5564,
97.0000

■ 22.7625, 14.9045,
96.2849

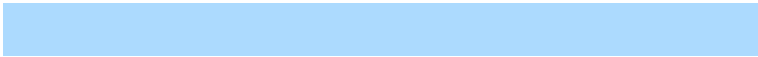
■ 20.4500, 11.5448,
95.7583

■ 19.2343, 9.5885,
95.4448

Harmonies

Analogous

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



59.9553, 66.0879, 103.3586



65.1637, 66.0879, 103.9295



69.9949, 66.0879, 95.1272

Triad

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



65.1637, 66.0879, 103.9295



70.4549, 66.0879, 53.8971



53.6320, 66.0879, 63.9586

Complementary

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



65.1637, 66.0879, 103.9295



84.0159, 90.1307, 67.6142

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.



56.1429, 66.0879, 52.8947



65.1637, 66.0879, 103.9295



65.7633, 66.0879, 47.6645

Square

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



65.1637, 66.0879, 103.9295



73.1625, 66.0879, 65.5154



60.5226, 66.0879, 47.3252



53.4915, 66.0879, 78.8107

Rectangle

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



65.1637, 66.0879, 103.9295



72.2723, 66.0879, 85.7559



60.5226, 66.0879, 47.3252



54.2202, 66.0879, 59.7265

Sweetspot

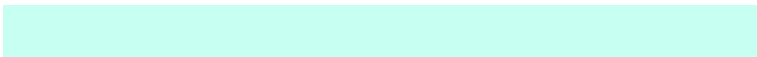
The Sweet Spot groups the original color and five complimentary colors.



65.1656, 66.0905, 103.9299



85.8624, 89.6508, 107.3866



75.7705, 90.2759, 98.2920



18.1729, 18.9571, 22.9512



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.



65.1656, 66.0905, 103.9299



60.0737, 60.2240, 103.0659



66.9015, 63.0658, 103.2546



17.2972, 17.9660, 22.8061



10.1329, 5.1753, 49.8995



1.0591, 0.6489, 4.8827

Inverse Universe

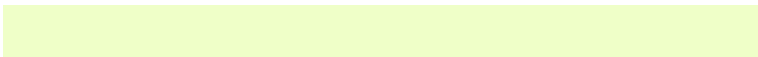
The Inverse Universe completely reimagines the original color for something new.



73.6534, 67.2733, 70.7340



70.0294, 61.7887, 64.0893



81.9234, 94.1137, 68.4933



18.1579, 18.0465, 19.4487



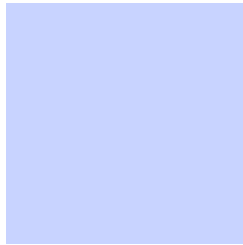
21.9028, 11.2504, 2.8727



2.1692, 1.1100, 0.4724

Previews

White Background



This preview shows how the XYZ color 65.1637, 66.0879, 103.9295 looks on a white background.

Color Contrast Check

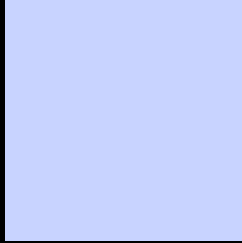
Large Text (above 18pt) WCAG AA × Fail

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 65.1637, 66.0879, 103.9295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

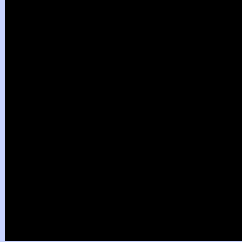
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1637, 66.0879, 103.9295

Background



This preview shows how black text looks on a background with the XYZ color 65.1637, 66.0879, 103.9295.



This preview shows how white text looks on a background with the XYZ color 65.1637, 66.0879,

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

65.1637, 66.0879, 103.9295

Protanopia

65.5646, 65.9455, 103.0391

Deuteranopia

67.4698, 66.1806, 103.8258



Tritanopia

61.6309, 66.1628, 85.8663

Trichromacy



Original Color

65.1637, 66.0879, 103.9295

Protanomaly

65.2931, 65.8055, 103.0263

Deuteranomaly

66.5826, 66.0863, 103.8544

Tritanomaly

62.8007, 66.2547, 91.9166

Monochromacy



Original Color

65.1637, 66.0879, 103.9295

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5595, 66.0983, 82.8071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1637, 66.0879, 103.9295 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(200, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.1637, 66.0879, 103.9295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

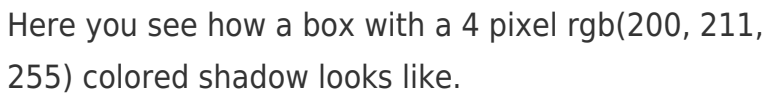
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 211, 255) }
```


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

```
.border{ border-color:rgb(200, 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(200, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 211, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 211, 255); box-shadow:4px 4px 4px 4px rgb(200, 211, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1637, 66.0879, 103.9295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 255) }
```

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

```
.background{ background-color: rgb(200,  
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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