

Converting Colors

XYZ(66.1940, 67.1810,
104.0862)

Have a look what the booklet for
XYZ(66.1940, 67.1810, 104.0862)
contains.

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Color

**XYZ(66.2014, 67.3651,
104.1213)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD5FF
RGB	202, 213, 255
RGB Percent	79%, 84%, 100%
CMY	0.2078, 0.1647, 0.0000
CMYK	0.21, 0.16, 0.00, 0.00
HSL	228°, 100%, 90%
HSV	228°, 21%, 100%
XYZ	66.2014, 67.3651, 104.1213
YIQ	214.4990, -20.0380, 10.7300

Conversions

Conversions Part 2

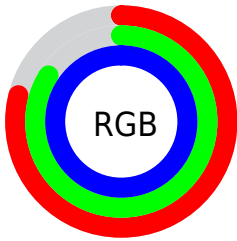
Format	Color
R _Y B	202, 211, 255
Decimal	13293055
CIE Lab	85.69, 4.90, -21.72
CIE LCh	86, 22.263, 282.723
Yxy	67.3651, 0.2785, 0.2834
Android (android.graphics.Color)	4291483135 (0xFFCAD5FF)
YUV	214.4990, 19.9670, -10.9616
Hunter-Lab	82.0762, 0.3418, -17.7615

Details

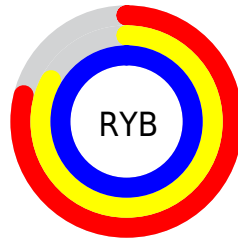
The XYZ color **66.2014, 67.3651, 104.1213** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2512, 90.2247, 68.8535**, and the grayscale version is **64.1336, 67.4735, 73.4787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4525, 34.7340, 58.3146** is the 20% darker color. If you saturate the color by 10%, you get **55.0938, 54.5596, 102.2350**, and if you desaturate by 10%, it is **79.0861, 82.0302, 106.2729**.

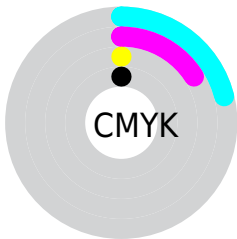
Distribution



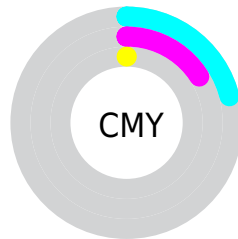
- Red (79%)
- Green (84%)
- Blue (100%)



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



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2014, 67.3651, 104.1213 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 66.2014, 67.3651, 104.1213 by changing the saturation by 10% instead.

■ 66.2014, 67.3651,
104.1213

■ 66.2014, 67.3651,
104.1213

436.5741,
451.2432, 594.6858

■ 48.7042, 49.3814,
79.1109

112.8315,
115.4434, 168.9104

■ 34.5985, 34.9221,
58.4651

142.6951,
146.3068, 209.5262

■ 23.5188, 23.6029,
41.7655

177.4115,
182.2322, 256.1809

■ 15.0999, 15.0393,
28.5935

217.3462,
223.6040, 309.2929

■ 8.9763, 8.8470,
18.5306

262.8645,
270.8066, 369.2809

■ 4.7827, 4.6415,
11.1582

314.3316,

■ 2.1538, 2.0385,

324.2244, 436.5633

6.0579

372.1130,
384.2418, 511.5588

■ 0.7182, 0.6297,
2.8109

■ 0.0000, 0.0000,
0.9989

■ 66.2014, 67.3651,
104.1213

■ 66.2014, 67.3651,
104.1213

■ 55.0938, 54.5596,
102.2350

■ 79.0861, 82.0302,
106.2729

■ 45.6784, 43.5304,
100.6024

■ 93.8163, 98.6176,
108.6982

■ 37.8719, 34.1997,
99.2129

95.0500, 100.0000,
108.9000

■ 31.5814, 26.4806,
98.0545

■ 26.7040, 20.2781,
97.1144

■ 23.1237, 15.4869,
96.3783

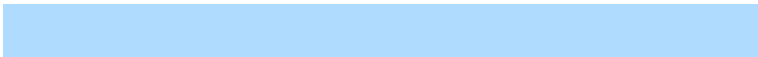
■ 20.7040, 11.9861,
95.8301

■ 19.3202, 9.7604,
95.4734

Harmonies

Analogous

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



61.1743, 67.3651, 103.3971



66.2014, 67.3651, 104.1213



70.8787, 67.3651, 95.8516

Triad

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



66.2014, 67.3651, 104.1213



71.4671, 67.3651, 55.9778



55.1565, 67.3651, 65.3593

Complementary

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



66.2014, 67.3651, 104.1213



84.2512, 90.2247, 68.8535

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.



57.6345, 67.3651, 54.6767



66.2014, 67.3651, 104.1213



66.9702, 67.3651, 49.7718

Square

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



66.2014, 67.3651, 104.1213



74.0250, 67.3651, 67.3657



61.9037, 67.3651, 49.3294



54.9751, 67.3651, 79.6768

Rectangle

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



66.2014, 67.3651, 104.1213



73.0977, 67.3651, 86.9149



61.9037, 67.3651, 49.3294



55.7423, 67.3651, 61.2739

Sweetspot

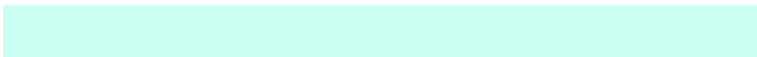
The Sweet Spot groups the original color and five complimentary colors.



66.2033, 67.3678, 104.1217



85.8969, 89.7199, 107.3982



76.3738, 90.5793, 98.6624



18.1810, 18.9734, 22.9539



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.



66.2033, 67.3678, 104.1217



61.3069, 61.7450, 103.2945



67.7920, 64.2170, 103.4298



17.3085, 17.9885, 22.8098



10.1803, 5.2702, 49.9153



1.0652, 0.6612, 4.8847

Inverse Universe

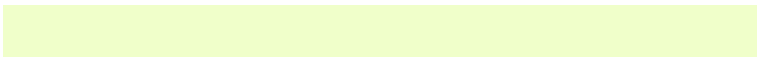
The Inverse Universe completely reimagines the original color for something new.



74.3720, 68.3067, 72.2185



70.8826, 63.0136, 65.8585



82.3508, 94.3069, 69.7416



18.1636, 18.0487, 19.4786



21.9267, 11.2600, 2.9987



2.1723, 1.1113, 0.4887

Previews

White Background



This preview shows how the XYZ color 66.2014, 67.3651, 104.1213 looks on a white background.

Color Contrast Check

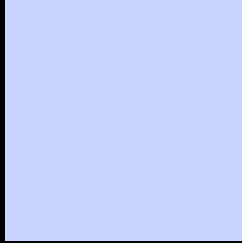
Large Text (above 18pt) WCAG AA × Fail

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 66.2014, 67.3651, 104.1213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

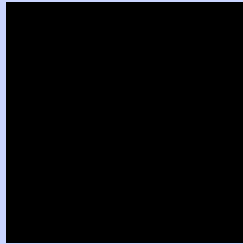
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2014, 67.3651, 104.1213

Background



This preview shows how black text looks on a background with the XYZ color 66.2014, 67.3651, 104.1213.



This preview shows how white text looks on a background with the XYZ color 66.2014, 67.3651,

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

66.2014, 67.3651, 104.1213

Protanopia

66.6097, 67.2219, 103.2303

Deuteranopia

68.5820, 67.1171, 103.9480



Tritanopia

62.9528, 67.5720, 87.5666

Trichromacy



Original Color

66.2014, 67.3651, 104.1213

Protanomaly

66.3347, 67.0801, 103.2175

Deuteranomaly

67.6749, 67.0148, 103.9760

Tritanomaly

64.1361, 67.6647, 93.6847

Monochromacy



Original Color

66.2014, 67.3651, 104.1213

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9078, 67.5079, 84.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2014, 67.3651, 104.1213 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, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 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, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.2014, 67.3651, 104.1213 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, 213, 255) }
```


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

```
.border{ border-color:rgb(202, 213, 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, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2014, 67.3651, 104.1213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 255) }
```

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

```
.background{ background-color: rgb(202,  
213, 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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