

Converting Colors

XYZ(77.2694, 72.2550,
162.8683)

Have a look what the booklet for
XYZ(77.2694, 72.2550, 162.8683)
contains.

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Color

**XYZ(66.1840, 67.7306,
104.1928)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D6FF
RGB	201, 214, 255
RGB Percent	79%, 84%, 100%
CMY	0.2118, 0.1608, 0.0000
CMYK	0.21, 0.16, 0.00, 0.00
HSL	226°, 100%, 89%
HSV	226°, 21%, 100%
XYZ	66.1840, 67.7306, 104.1928
YIQ	214.7870, -20.9090, 9.9950

Conversions

Conversions Part 2

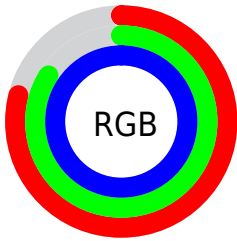
Format	Color
R _Y B	201, 211, 255
Decimal	13227775
CIE Lab	85.87, 4.07, -21.45
CIE LCh	86, 21.829, 280.754
Yxy	67.7306, 0.2780, 0.2845
Android (android.graphics.Color)	4291417855 (0xFFC9D6FF)
YUV	214.7870, 19.8250, -12.0912
Hunter-Lab	82.2986, -0.4740, -17.4541

Details

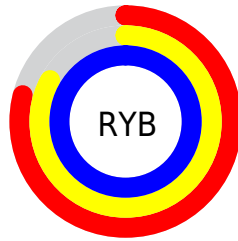
The XYZ color **66.1840, 67.7306, 104.1928** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.5347, 88.9807, 68.0325**, and the grayscale version is **64.3292, 67.6793, 73.7028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4452, 34.9845, 58.3633** is the 20% darker color. If you saturate the color by 10%, you get **55.2778, 55.2632, 102.3612**, and if you desaturate by 10%, it is **78.8143, 81.9546, 106.2726**.

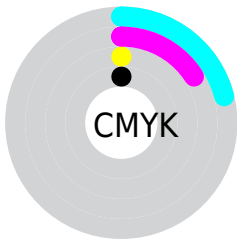
Distribution



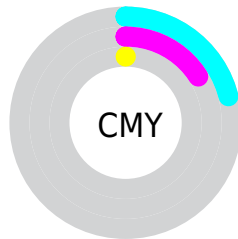
- Red (79%)
- Green (84%)
- Blue (100%)



- 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 66.1840, 67.7306, 104.1928 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 66.1840, 67.7306, 104.1928 by changing the saturation by 10% instead.

■ 66.1840, 67.7306,
104.1928

■ 66.1840, 67.7306,
104.1928

436.5129,
452.5409, 594.9143

■ 48.6900, 49.6786,
79.1704

112.8066,
115.9667, 169.0092

■ 34.5872, 35.1581,
58.5138

142.6660,
146.9195, 209.6402

■ 23.5101, 23.7847,
41.8044

177.3780,
182.9414, 256.3112

■ 15.0934, 15.1740,
28.6237

217.3078,
224.4168, 309.4406

■ 8.9717, 8.9416,
18.5532

262.8208,
271.7301, 369.4471

■ 4.7797, 4.7031,
11.1744

314.2825,

■ 2.1520, 2.0741,

325.2656, 436.7492

6.0686

372.0580,
385.4077, 511.7654

■ 0.7173, 0.6500,
2.8174

■ 0.0000, 0.0000,
1.0022

■ 66.1840, 67.7306,
104.1928

■ 66.1840, 67.7306,
104.1928

■ 55.2778, 55.2632,
102.3612

■ 78.8143, 81.9546,
106.2726

■ 46.0136, 44.4749,
100.7671

■ 93.2344, 97.9929,
108.6083

■ 38.3108, 35.2940,
99.4010

■ 95.0500, 100.0000,
108.9000

■ 32.0797, 27.6403,
98.2521

■ 27.2210, 21.4262,
97.3087

■ 23.6221, 16.5545,
96.5581

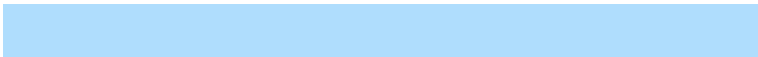
■ 21.1509, 12.9140,
95.9856

■ 19.7401, 10.6002,
95.6134

Harmonies

Analogous

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



61.2628, 67.7306, 102.8716



66.1840, 67.7306, 104.1928



70.8490, 67.7306, 96.5984

Triad

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



66.1840, 67.7306, 104.1928



71.9261, 67.7306, 57.2143



55.7304, 67.7306, 65.0499

Complementary

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



66.1840, 67.7306, 104.1928



83.5347, 88.9807, 68.0325

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.



58.3096, 67.7306, 54.8177



66.1840, 67.7306, 104.1928



67.5927, 67.7306, 50.7146

Square

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



66.1840, 67.7306, 104.1928



74.2763, 67.7306, 68.7346



62.6010, 67.7306, 49.8979



55.3968, 67.7306, 78.9975

Rectangle

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



66.1840, 67.7306, 104.1928



73.1215, 67.7306, 88.0128



62.6010, 67.7306, 49.8979



56.3570, 67.7306, 61.1127

Sweetspot

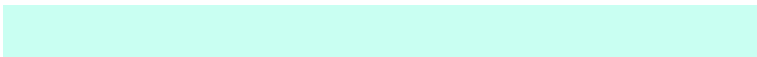
The Sweet Spot groups the original color and five complimentary colors.



66.1859, 67.7333, 104.1932



86.0490, 90.0240, 107.4488



75.8003, 90.3188, 97.0500



18.2169, 19.0451, 22.9659



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.



66.1859, 67.7333, 104.1932



61.8147, 62.7607, 103.4638



66.8158, 63.3666, 103.3171



17.3581, 18.0878, 22.8264



10.4104, 5.7304, 49.9920



1.0941, 0.7189, 4.8944

Inverse Universe

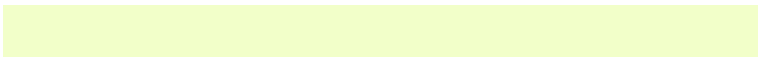
The Inverse Universe completely reimagines the original color for something new.



74.2655, 67.8900, 72.8111



71.1389, 63.1162, 67.2083



82.7498, 94.5262, 69.1443



18.1886, 18.0588, 19.6105



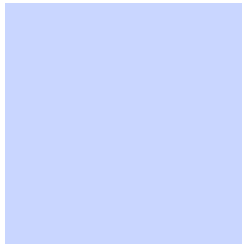
22.0429, 11.3064, 3.6104



2.1869, 1.1171, 0.5655

Previews

White Background



This preview shows how the XYZ color 66.1840, 67.7306, 104.1928 looks on a white background.

Color Contrast Check

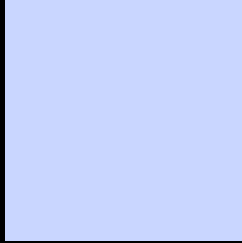
Large Text (above 18pt) WCAG AA × Fail

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 66.1840, 67.7306, 104.1928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

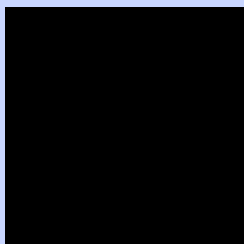
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1840, 67.7306, 104.1928

Background



This preview shows how black text looks on a background with the XYZ color 66.1840, 67.7306, 104.1928.



This preview shows how white text looks on a background with the XYZ color 66.1840, 67.7306,

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

66.1840, 67.7306, 104.1928

Protanopia

67.1372, 67.8661, 103.3269

Deuteranopia

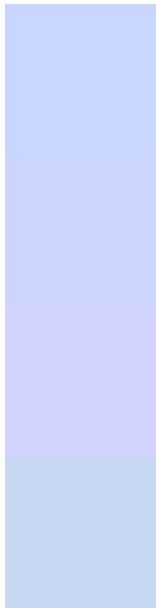
69.1209, 67.7603, 104.0437



Tritanopia

62.8342, 67.4942, 88.3132

Trichromacy



Original Color

66.1840, 67.7306, 104.1928

Protanomaly

66.5855, 67.5816, 103.3011

Deuteranomaly

67.9226, 67.5102, 104.0586

Tritanomaly

63.8716, 67.5283, 93.6723

Monochromacy



Original Color

66.1840, 67.7306, 104.1928

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1617, 68.0157, 84.5569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1840, 67.7306, 104.1928 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 214, 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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.1840, 67.7306, 104.1928 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, 214, 255) }
```


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

```
.border{ border-color:rgb(201, 214, 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, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1840, 67.7306, 104.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 214, 255) }
```

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

```
.background{ background-color: rgb(201,  
214, 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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