

Converting Colors

XYZ(67.0344, 71.7800,
104.9296)

Have a look what the booklet for
XYZ(67.0344, 71.7800, 104.9296)
contains.

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Color

**XYZ(66.9434, 71.5975,
104.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DFFF
RGB	195, 223, 255
RGB Percent	76%, 87%, 100%
CMY	0.2353, 0.1255, 0.0000
CMYK	0.24, 0.13, 0.00, 0.00
HSL	212°, 100%, 88%
HSV	212°, 24%, 100%
XYZ	66.9434, 71.5975, 104.8991
YIQ	218.2760, -26.9600, 4.0160

Conversions

Conversions Part 2

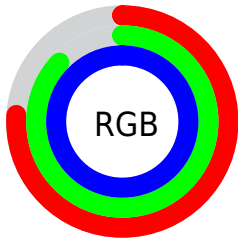
Format	Color
R _Y B	195, 214, 255
Decimal	12836863
CIE Lab	87.77, -2.44, -18.61
CIE LCh	88, 18.768, 262.528
Yxy	71.5975, 0.2750, 0.2941
Android (android.graphics.Color)	4291026943 (0xFFC3DFFF)
YUV	218.2760, 18.1049, -20.4131
Hunter-Lab	84.6153, -6.8565, -14.2722

Details

The XYZ color **66.9434, 71.5975, 104.8991** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.5594, 80.1377, 62.9592**, and the grayscale version is **66.7250, 70.1999, 76.4477**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **35.0109, 37.6579, 58.8495** is the 20% darker color. If you saturate the color by 10%, you get **57.4205, 61.5111, 103.4542**, and if you desaturate by 10%, it is **77.8872, 82.8532, 106.4949**.

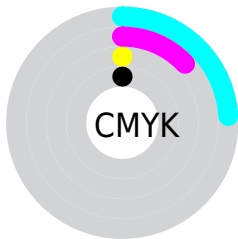
Distribution



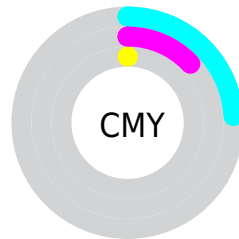
- Red (76%)
- Green (87%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9434, 71.5975, 104.8991 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 66.9434, 71.5975, 104.8991 by changing the saturation by 10% instead.

■ 66.9434, 71.5975,
104.8991

■ 66.9434, 71.5975,
104.8991

439.1789,
466.1394, 597.1683

■ 49.3092, 52.8299,
79.7586

■ 113.8896,
121.4841, 169.9839

■ 35.0803, 37.6670,
58.9948

143.9322,
153.3720, 210.7653

■ 23.8916, 25.7244,
42.1889

178.8416,
190.4020, 257.5975

■ 15.3775, 16.6176,
28.9226

218.9833,
232.9587, 310.8990

■ 9.1728, 9.9622,
18.7772

264.7225,
281.4264, 371.0882

■ 4.9121, 5.3739,
11.3342

316.4246,

■ 2.2300, 2.4683,

336.1895, 438.5838

6.1751

374.4549,
397.6324, 513.8044

■ 0.7585, 0.8607,
2.8813

■ 0.0000, 0.0000,
1.0344

■ 66.9434, 71.5975,
104.8991

■ 66.9434, 71.5975,
104.8991

■ 57.4205, 61.5111,
103.4542

■ 77.8872, 82.8532,
106.4949

■ 49.2486, 52.5424,
102.1538

■ 90.3056, 95.3103,
108.2449

■ 42.3604, 44.6481,
100.9931

95.0500, 100.0000,
108.9000

■ 36.6799, 37.7781,
99.9664

■ 32.1225, 31.8774,
99.0677

■ 28.5907, 26.8838,
98.2899

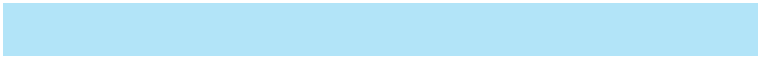
■ 25.9672, 22.7243,
97.6253

■ 24.6483, 20.4166,
97.2494

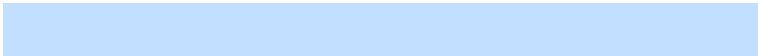
Harmonies

Analogous

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



62.9718, 71.5975, 99.0935



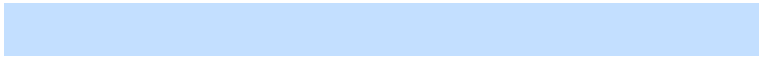
66.9434, 71.5975, 104.8991



71.3862, 71.5975, 102.8844

Triad

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



66.9434, 71.5975, 104.8991



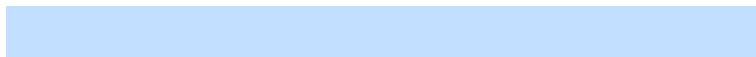
76.2742, 71.5975, 68.9310



61.4767, 71.5975, 63.9648

Complementary

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



66.9434, 71.5975, 104.8991



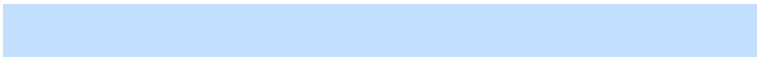
78.5594, 80.1377, 62.9592

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.



64.8218, 71.5975, 57.4218



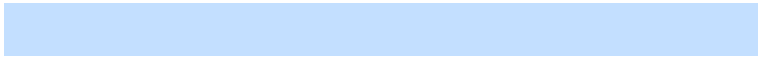
66.9434, 71.5975, 104.8991



73.3968, 71.5975, 60.0633

Square

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



66.9434, 71.5975, 104.8991



76.9028, 71.5975, 81.1915



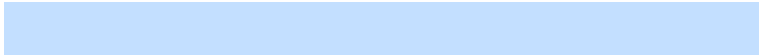
69.1713, 71.5975, 56.0756



59.9065, 71.5975, 74.8106

Rectangle

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



66.9434, 71.5975, 104.8991



74.0072, 71.5975, 97.4702



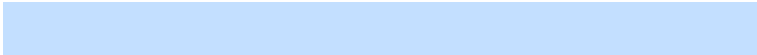
69.1713, 71.5975, 56.0756



62.4238, 71.5975, 61.2400

Sweetspot

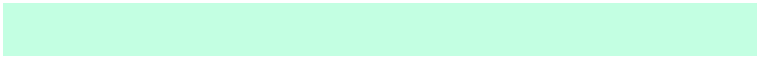
The Sweet Spot groups the original color and five complimentary colors.



66.9454, 71.6003, 104.8996



85.8232, 90.8465, 107.6195



71.9942, 88.6136, 85.2622



18.2069, 19.2820, 23.0121



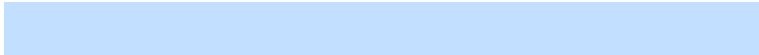
0.0000, 0.0000, 0.0000



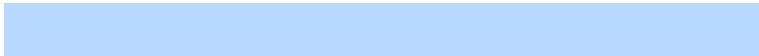
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9454, 71.6003, 104.8996



62.5146, 66.9473, 104.2350



60.3316, 57.9878, 102.6207



17.7019, 18.7754, 22.9410



13.0255, 10.9606, 50.8637



1.3764, 1.2834, 4.9885

Inverse Universe

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



74.0757, 65.6196, 78.5769



70.8119, 60.3808, 73.5159



86.4838, 96.5311, 65.7058



18.3622, 18.1282, 20.5243



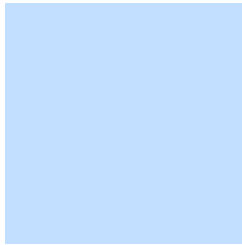
23.3629, 11.8344, 10.5613



2.3293, 1.1741, 1.3157

Previews

White Background



This preview shows how the XYZ color 66.9434, 71.5975, 104.8991 looks on a white background.

Color Contrast Check

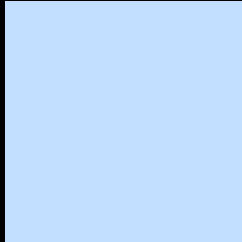
Large Text (above 18pt) WCAG AA × Fail

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 66.9434, 71.5975, 104.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

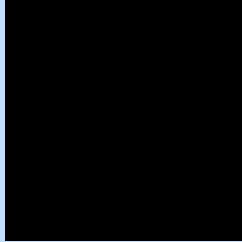
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

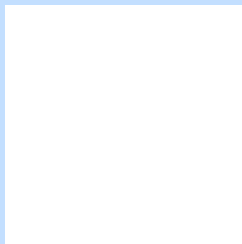
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9434, 71.5975, 104.8991

Background



This preview shows how black text looks on a background with the XYZ color 66.9434, 71.5975, 104.8991.



This preview shows how white text looks on a background with the XYZ color 66.9434, 71.5975,

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

66.9434, 71.5975, 104.8991

Protanopia

70.3736, 71.4672, 102.1809

Deuteranopia

72.7819, 71.5089, 104.5743



Tritanopia

65.0952, 71.6589, 95.1947

Trichromacy



Original Color

66.9434, 71.5975, 104.8991

Protanomaly

69.0549, 71.5436, 103.0982

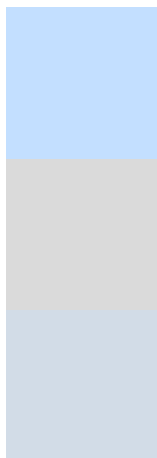
Deuteranomaly

70.5620, 71.5089, 104.6913

Tritanomaly

65.6923, 71.4960, 98.3335

Monochromacy



Original Color

66.9434, 71.5975, 104.8991

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.5953, 70.6576, 85.7296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9434, 71.5975, 104.8991 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(195, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 223, 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(195, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.9434, 71.5975, 104.8991 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(195, 223, 255) }
```


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

```
.border{ border-color:rgb(195, 223, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9434, 71.5975, 104.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 223, 255) }
```

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

```
.background{ background-color: rgb(195,  
223, 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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