

Converting Colors

XYZ(67.3481, 71.6250,
104.8831)

Have a look what the booklet for
XYZ(67.3481, 71.6250, 104.8831)
contains.

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Color

**XYZ(67.4636, 71.8657,
104.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DFFF
RGB	197, 223, 255
RGB Percent	77%, 87%, 100%
CMY	0.2274, 0.1255, 0.0000
CMYK	0.23, 0.13, 0.00, 0.00
HSL	213°, 100%, 89%
HSV	213°, 23%, 100%
XYZ	67.4636, 71.8657, 104.9235
YIQ	218.8740, -25.7680, 4.4400

Conversions

Conversions Part 2

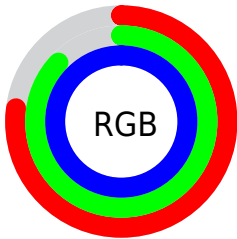
Format	Color
R _Y B	197, 215, 255
Decimal	12967935
CIE Lab	87.90, -1.85, -18.40
CIE LCh	88, 18.494, 264.261
Yxy	71.8657, 0.2762, 0.2942
Android (android.graphics.Color)	4291158015 (0xFFC5DFFF)
YUV	218.8740, 17.8101, -19.1835
Hunter-Lab	84.7736, -6.3020, -14.0411

Details

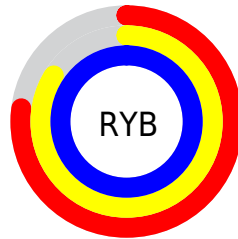
The XYZ color **67.4636, 71.8657, 104.9235** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.3371, 81.3289, 64.3414**, and the grayscale version is **67.1396, 70.6361, 76.9227**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **35.3510, 37.8333, 58.8654** is the 20% darker color. If you saturate the color by 10%, you get **57.7393, 61.5046, 103.4361**, and if you desaturate by 10%, it is **78.6335, 83.4393, 106.5687**.

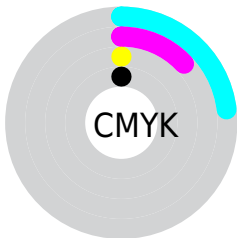
Distribution



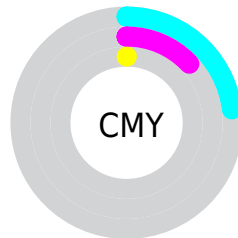
- Red (77%)
- Green (87%)
- Blue (100%)



- Red (77%)
- Yellow (84%)
- Blue (100%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4636, 71.8657, 104.9235 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 67.4636, 71.8657, 104.9235 by changing the saturation by 10% instead.

■ 67.4636, 71.8657,
104.9235

■ 67.4636, 71.8657,
104.9235

440.9998,
467.0740, 597.2461

■ 49.7336, 53.0490,
79.7790

114.6306,
121.8656, 170.0176

■ 35.4187, 37.8419,
59.0114

144.7982,
153.8175, 210.8042

■ 24.1536, 25.8600,
42.2022

179.8425,
190.9166, 257.6419

■ 15.5729, 16.7189,
28.9329

220.1286,
233.5474, 310.9493

■ 9.3114, 10.0343,
18.7849

266.0221,
282.0941, 371.1449

■ 5.0036, 5.4217,
11.3397

317.8882,

■ 2.2841, 2.4968,

336.9411, 438.6472

6.1788

376.0923,
398.4730, 513.8747

■ 0.7865, 0.8750,
2.8836

■ 0.0000, 0.0000,
1.0355

■ 67.4636, 71.8657,
104.9235

■ 67.4636, 71.8657,
104.9235

■ 57.7393, 61.5046,
103.4361

■ 78.6335, 83.4393,
106.5687

■ 49.3904, 52.3030,
102.1001

■ 91.3032, 96.2587,
108.3753

■ 42.3493, 44.2164,
100.9103

■ 95.0500, 100.0000,
108.9000

■ 36.5397, 37.1933,
99.8609

■ 31.8768, 31.1772,
98.9455

■ 28.2635, 26.1049,
98.1568

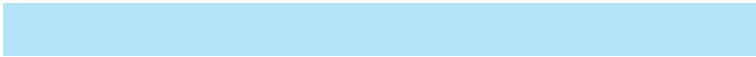
■ 25.5834, 21.9024,
97.4869

■ 24.1040, 19.3279,
97.0680

Harmonies

Analogous

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



63.4820, 71.8657, 99.6143



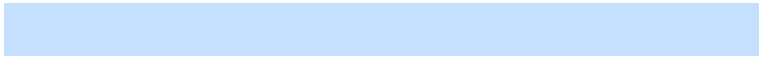
67.4636, 71.8657, 104.9235



71.8425, 71.8657, 102.4877

Triad

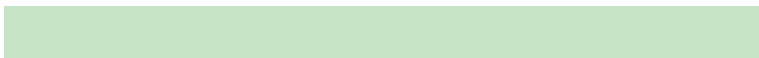
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4636, 71.8657, 104.9235



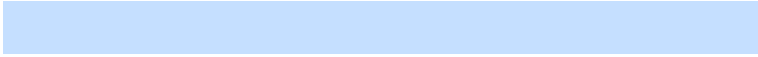
76.3147, 71.8657, 68.7082



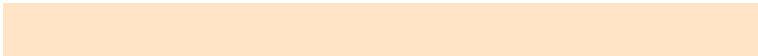
61.6655, 71.8657, 64.9312

Complementary

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



67.4636, 71.8657, 104.9235



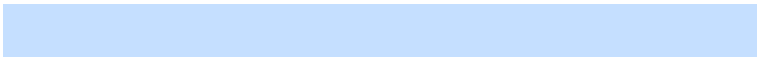
79.3371, 81.3289, 64.3414

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.



64.8879, 71.8657, 58.1701



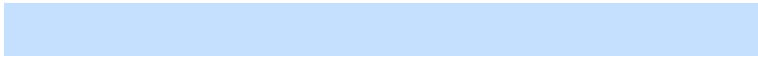
67.4636, 71.8657, 104.9235



73.3688, 71.8657, 60.1813

Square

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



67.4636, 71.8657, 104.9235



77.0762, 71.8657, 80.6977



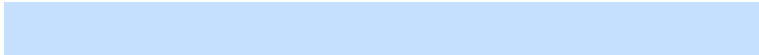
69.1558, 71.8657, 56.5290



60.2280, 71.8657, 75.8513

Rectangle

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



67.4636, 71.8657, 104.9235



74.3838, 71.8657, 96.9197



69.1558, 71.8657, 56.5290



62.5690, 71.8657, 62.1456

Sweetspot

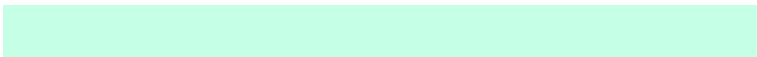
The Sweet Spot groups the original color and five complimentary colors.



67.4656, 71.8685, 104.9239



85.7238, 90.6476, 107.5864



72.9157, 89.0423, 87.4003



18.1839, 19.2360, 23.0045



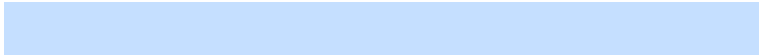
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



67.4656, 71.8685, 104.9239



63.1536, 67.3127, 104.2718



61.8102, 59.4197, 102.8191



17.6735, 18.7186, 22.9315



12.7388, 10.3873, 50.7681



1.3475, 1.2257, 4.9788

Inverse Universe

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



74.5268, 66.5217, 78.7273



71.3572, 61.4517, 73.7581



86.0195, 96.2655, 66.8723



18.3479, 18.1225, 20.4490



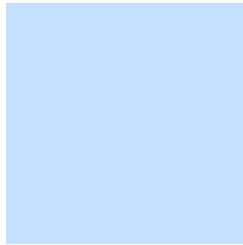
23.2182, 11.7766, 9.7993



2.3148, 1.1683, 1.2389

Previews

White Background



This preview shows how the XYZ color 67.4636, 71.8657, 104.9235 looks on a white background.

Color Contrast Check

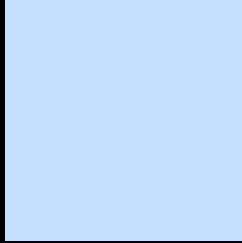
Large Text (above 18pt) WCAG AA × Fail

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 67.4636, 71.8657, 104.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

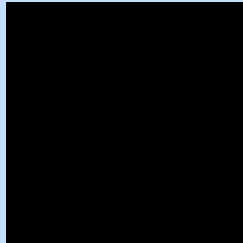
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

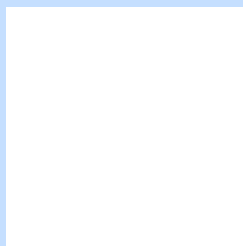
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4636, 71.8657, 104.9235

Background



This preview shows how black text looks on a background with the XYZ color 67.4636, 71.8657, 104.9235.



This preview shows how white text looks on a background with the XYZ color 67.4636, 71.8657,

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

67.4636, 71.8657, 104.9235

Protanopia

70.3736, 71.4672, 102.1809

Deuteranopia

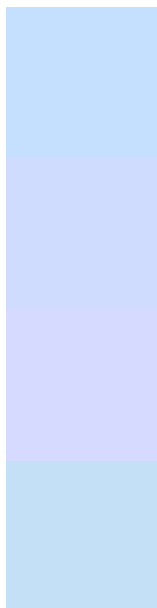
73.0909, 71.6682, 104.5888



Tritanopia

65.6086, 71.9236, 95.2187

Trichromacy



Original Color

67.4636, 71.8657, 104.9235

Protanomaly

69.3352, 71.6881, 103.1113

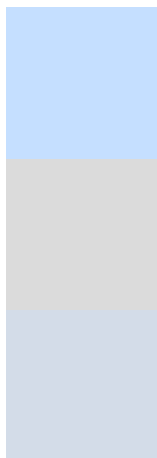
Deuteranomaly

70.8530, 71.6589, 104.7049

Tritanomaly

66.2091, 71.7625, 98.3576

Monochromacy



Original Color

67.4636, 71.8657, 104.9235

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.0227, 70.8615, 86.4891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4636, 71.8657, 104.9235 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(197, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.4636, 71.8657, 104.9235 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(197, 223, 255) }
```


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

```
.border{ border-color:rgb(197, 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(197, 223, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4636, 71.8657, 104.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 223, 255) }
```

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

```
.background{ background-color: rgb(197,  
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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