

Converting Colors

XYZ(73.4890, 83.1731,
106.7885)

Have a look what the booklet for
XYZ(73.4890, 83.1731, 106.7885)
contains.

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Color

**XYZ(73.6538, 83.4633,
106.8358)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F3FF
RGB	199, 243, 255
RGB Percent	78%, 95%, 100%
CMY	0.2196, 0.0470, 0.0000
CMYK	0.22, 0.05, 0.00, 0.00
HSL	193°, 100%, 89%
HSV	193°, 22%, 100%
XYZ	73.6538, 83.4633, 106.8358
YIQ	231.2120, -30.0760, -5.5960

Conversions

Conversions Part 2

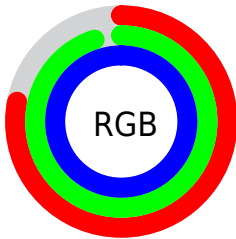
Format	Color
R _Y B	199, 224, 255
Decimal	13104127
CIE Lab	93.22, -11.51, -10.43
CIE LCh	93, 15.532, 222.202
Yxy	83.4633, 0.2790, 0.3162
Android (android.graphics.Color)	4291294207 (0xFFC7F3FF)
YUV	231.2120, 11.7275, -28.2499
Hunter-Lab	91.3583, -15.9687, -5.3839

Details

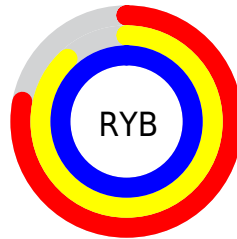
The XYZ color **73.6538, 83.4633, 106.8358** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8429, 71.9713, 63.9818**, and the grayscale version is **76.0468, 80.0072, 87.1278**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4650, 45.5472, 60.1375** is the 20% darker color. If you saturate the color by 10%, you get **65.8365, 77.0447, 106.0089**, and if you desaturate by 10%, it is **82.6578, 90.5702, 107.7330**.

Distribution



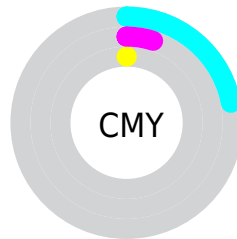
- Red (78%)
- Green (95%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- Blue (100%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6538, 83.4633, 106.8358 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 73.6538, 83.4633, 106.8358 by changing the saturation by 10% instead.

73.6538, 83.4633,
106.8358

73.6538, 83.4633,
106.8358

462.3464,
506.5293, 603.3264

54.8010, 62.5724,
81.3730

123.4031,
138.2242, 172.6534

39.4756, 45.4954,
60.3160

155.0302,
172.8629, 213.8452

27.3123, 31.8478,
43.2464

191.6463,
212.8531, 261.1171

17.9457, 21.2453,
29.7457

233.6165,
258.5792, 314.8876

11.0105, 13.3034,
19.3952

281.3063,
310.4254, 375.5752

6.1412, 7.6378,
11.7765

335.0809,

2.9726, 3.8641,

368.7762, 443.5985

6.4710

395.3059,
434.0161, 519.3761

■ 1.1393, 1.5978,
3.0602

■ 0.0576, 0.3561,
1.1254

■ 73.6538, 83.4633,
106.8358

■ 73.6538, 83.4633,
106.8358

■ 65.8365, 77.0447,
106.0089

■ 82.6578, 90.5702,
107.7330

■ 59.1424, 71.2745,
105.2480

■ 92.8949, 98.3835,
108.7016

■ 53.5121, 66.1237,
104.5505

■ 95.0500, 100.0000,
108.9000

■ 48.8776, 61.5565,
103.9132

■ 45.1628, 57.5332,
103.3324

■ 42.2804, 54.0080,
102.8039

■ 40.1247, 50.9259,
102.3226

■ 38.7915, 48.7031,
101.9638

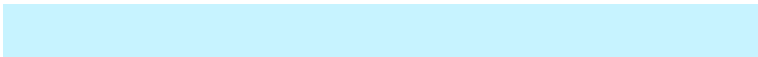
Harmonies

Analogous

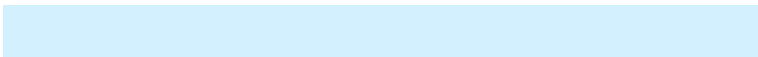
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8996, 83.4633, 95.7138



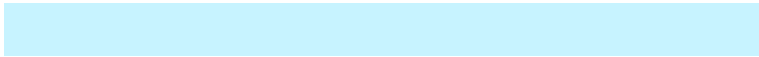
73.6538, 83.4633, 106.8358



76.9535, 83.4633, 114.0142

Triad

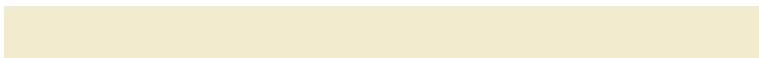
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6538, 83.4633, 106.8358



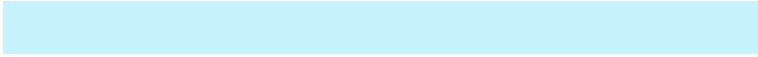
87.0429, 83.4633, 97.9255



77.6813, 83.4633, 70.6223

Complementary

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



73.6538, 83.4633, 106.8358



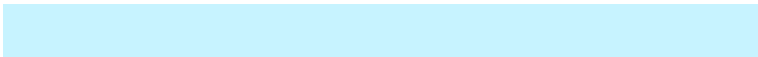
74.8429, 71.9713, 63.9818

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.



81.7536, 83.4633, 71.1036



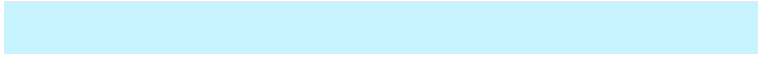
73.6538, 83.4633, 106.8358



87.2541, 83.4633, 86.2067

Square

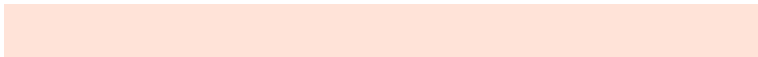
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6538, 83.4633, 106.8358



84.7217, 83.4633, 108.5741



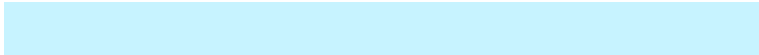
85.2892, 83.4633, 76.5929



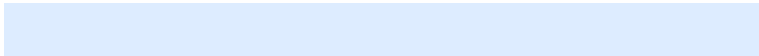
74.1708, 83.4633, 75.2162

Rectangle

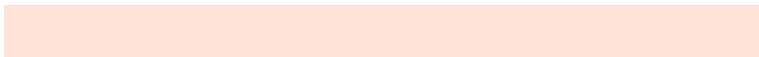
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6538, 83.4633, 106.8358



79.6315, 83.4633, 115.2512



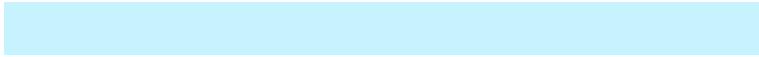
85.2892, 83.4633, 76.5929



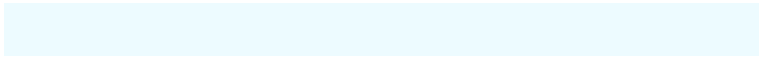
79.0280, 83.4633, 70.2077

Sweetspot

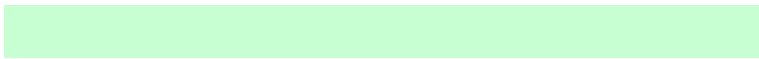
The Sweet Spot groups the original color and five complimentary colors.



73.6560, 83.4666, 106.8363



87.5775, 94.3549, 108.2042



70.9721, 88.3258, 74.4130



18.6135, 20.0952, 23.1477



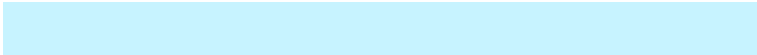
0.0000, 0.0000, 0.0000



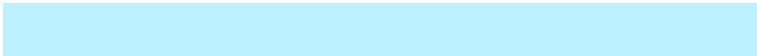
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6560, 83.4666, 106.8363



70.3574, 80.7915, 106.4938



66.1092, 68.3729, 104.3207



18.2052, 19.7821, 23.1087



20.3829, 25.6755, 53.3162



2.0629, 2.6566, 5.2173

Inverse Universe

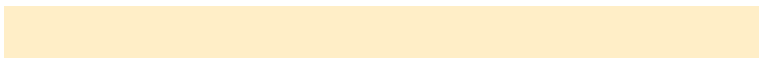
The Inverse Universe completely reimagines the original color for something new.



77.8425, 68.5796, 93.9323



75.2201, 63.8651, 91.4235



82.1822, 86.6498, 66.4282



18.6162, 18.2298, 21.8622



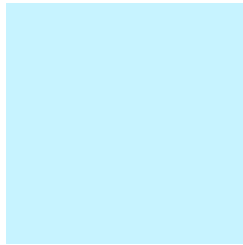
27.0766, 13.3199, 30.1173



2.6759, 1.3127, 3.1406

Previews

White Background



This preview shows how the XYZ color 73.6538, 83.4633, 106.8358 looks on a white background.

Color Contrast Check

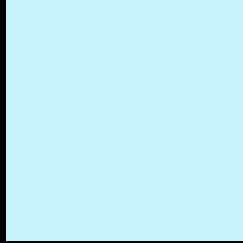
Large Text (above 18pt) WCAG AA × Fail

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 73.6538, 83.4633, 106.8358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

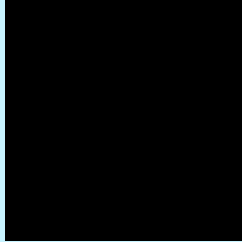
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6538, 83.4633, 106.8358

Background



This preview shows how black text looks on a background with the XYZ color 73.6538, 83.4633, 106.8358.

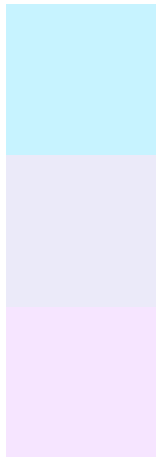


This preview shows how white text looks on a background with the XYZ color 73.6538, 83.4633,

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

73.6538, 83.4633, 106.8358

Protanopia

80.7827, 83.3474, 101.4525

Deuteranopia

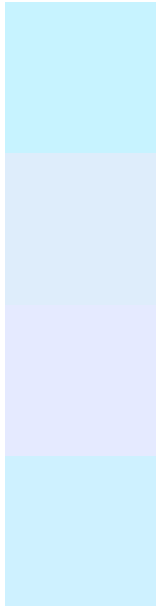
84.0753, 82.8515, 106.1684



Tritanopia

75.7884, 83.2418, 106.6805

Trichromacy



Original Color

73.6538, 83.4633, 106.8358

Protanomaly

77.8210, 83.0630, 103.1979

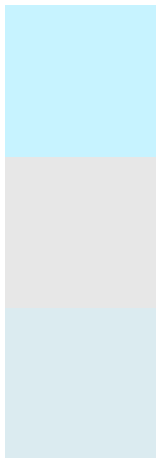
Deuteranomaly

79.7859, 82.7237, 106.3698

Tritanomaly

74.9589, 83.2524, 106.7263

Monochromacy



Original Color

73.6538, 83.4633, 106.8358

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.6499, 80.7680, 94.0934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6538, 83.4633, 106.8358 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(199, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 243, 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(199, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6538, 83.4633, 106.8358 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(199, 243, 255) }
```


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

```
.border{ border-color:rgb(199, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6538, 83.4633, 106.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 243, 255) }
```

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

```
.background{ background-color: rgb(199,  
243, 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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