

Converting Colors

XYZ(73.5734, 82.1023,
106.5897)

Have a look what the booklet for
XYZ(73.5734, 82.1023, 106.5897)
contains.

XYZ(73.5672, 82.0967, 106.5766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.5672, 82.0967,
106.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF0FF
RGB	202, 240, 255
RGB Percent	79%, 94%, 100%
CMY	0.2078, 0.0588, 0.0000
CMYK	0.21, 0.06, 0.00, 0.00
HSL	197°, 100%, 90%
HSV	197°, 21%, 100%
XYZ	73.5672, 82.0967, 106.5766
YIQ	230.3480, -27.4630, -3.3910

Conversions

Conversions Part 2

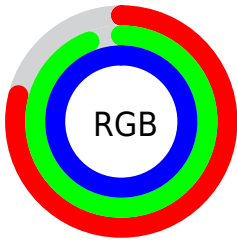
Format	Color
R_{YB}	202, 224, 255
Decimal	13299967
CIE _{Lab}	92.62, -9.10, -11.31
CIE _{LCh}	93, 14.515, 231.164
Yxy	82.0967, 0.2805, 0.3131
Android (android.graphics.Color)	4291490047 (0xFFCAF0FF)
YUV	230.3480, 12.1534, -24.8612
Hunter-Lab	90.6072, -13.6322, -6.3147

Details

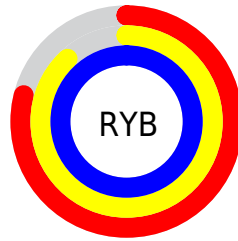
The XYZ color **73.5672, 82.0967, 106.5766** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7133, 75.1491, 66.3409**, and the grayscale version is **75.4007, 79.3274, 86.3875**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3662, 44.5612, 59.9524** is the 20% darker color. If you saturate the color by 10%, you get **65.1478, 74.6677, 105.5864**, and if you desaturate by 10%, it is **83.2154, 90.2889, 107.6493**.

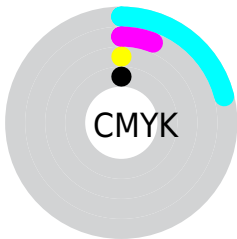
Distribution



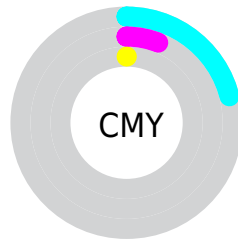
- Red (79%)
- Green (94%)
- Blue (100%)



- Red (79%)
- Yellow (88%)
- Blue (100%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5672, 82.0967, 106.5766 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 73.5672, 82.0967, 106.5766 by changing the saturation by 10% instead.

73.5672, 82.0967,
106.5766

73.5672, 82.0967,
106.5766

462.0517,
501.9711, 602.5042

54.7299, 61.4452,
81.1568

123.2809,
136.3096, 172.2964

39.4185, 44.5846,
60.1390

154.8880,
170.6398, 213.4334

27.2676, 31.1304,
43.1046

191.4824,
210.2985, 260.6467

17.9120, 20.6981,
29.6352

233.4295,
255.6698, 314.3546

10.9861, 12.9035,
19.3122

281.0946,
307.1384, 374.9758

6.1247, 7.3621,
11.7170

334.8431,

2.9624, 3.6896,

365.0885, 442.9287

6.4311

395.0404,
429.9046, 518.6320

■ 1.1339, 1.5015,
3.0359

■ 0.0532, 0.2898,
1.1130

■ 73.5672, 82.0967,
106.5766

■ 73.5672, 82.0967,
106.5766

■ 65.1478, 74.6677,
105.5864

■ 83.2154, 90.2889,
107.6493

■ 57.8939, 67.9613,
104.6742

■ 94.1390, 99.2632,
108.8058

■ 51.7458, 61.9474,
103.8375

■ 95.0500, 100.0000,
108.9000

■ 46.6360, 56.5899,
103.0727

■ 42.4890, 51.8481,
102.3760

■ 39.2182, 47.6760,
101.7431

■ 36.7202, 44.0186,
101.1688

■ 34.9524, 41.0249,
100.6841

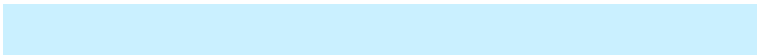
Harmonies

Analogous

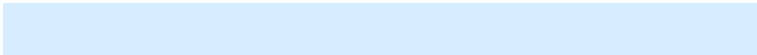
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4563, 82.0967, 97.1053



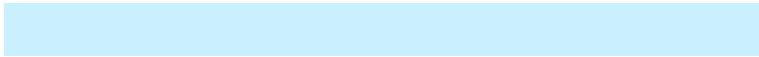
73.5672, 82.0967, 106.5766



76.9209, 82.0967, 111.5406

Triad

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



73.5672, 82.0967, 106.5766



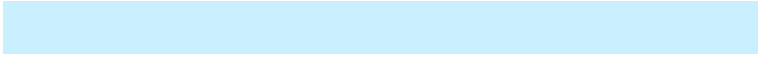
85.4237, 82.0967, 92.6204



75.4395, 82.0967, 71.3736

Complementary

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



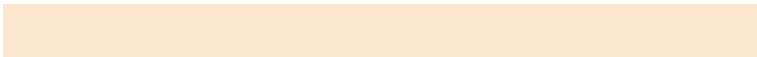
73.5672, 82.0967, 106.5766



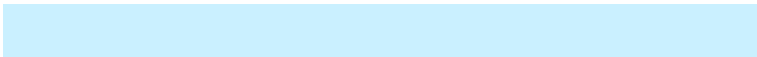
76.7133, 75.1491, 66.3409

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.



79.1506, 82.0967, 70.3840



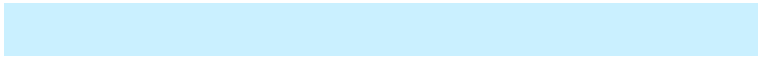
73.5672, 82.0967, 106.5766



84.9960, 82.0967, 82.0934

Square

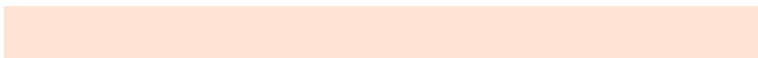
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



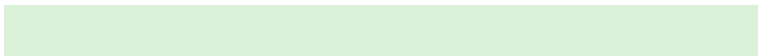
73.5672, 82.0967, 106.5766



83.8212, 82.0967, 103.0673



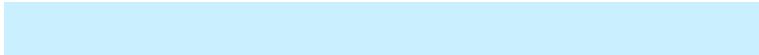
82.6707, 82.0967, 74.1570



72.5127, 82.0967, 76.9784

Rectangle

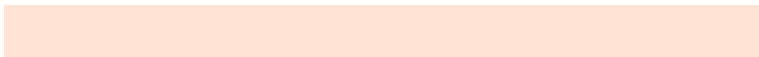
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



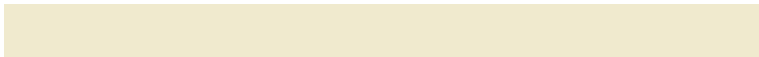
73.5672, 82.0967, 106.5766



79.4440, 82.0967, 111.3708



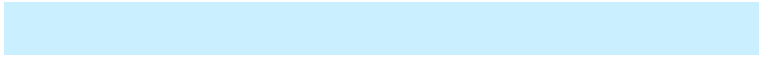
82.6707, 82.0967, 74.1570



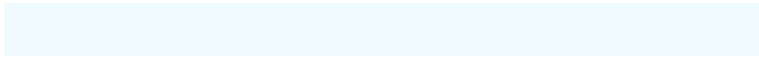
76.6338, 82.0967, 70.5091

Sweetspot

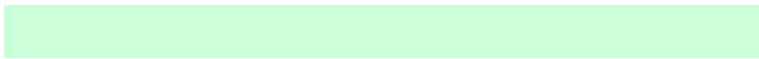
The Sweet Spot groups the original color and five complimentary colors.



73.5694, 82.0999, 106.5771



88.2779, 94.4818, 108.1918



72.5301, 89.0418, 78.4216



18.7434, 20.0981, 23.1414



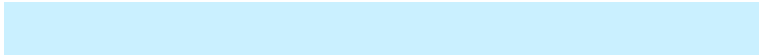
0.0000, 0.0000, 0.0000



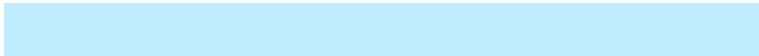
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5694, 82.0999, 106.5771



69.8721, 78.8754, 106.1496



66.5479, 68.0570, 104.2366



18.0950, 19.5617, 23.0720



18.3967, 21.7029, 52.6541



1.8841, 2.2989, 5.1577

Inverse Universe

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



78.0901, 69.7939, 91.7976



75.2059, 64.7430, 88.6248



83.8422, 89.4067, 68.7171



18.5606, 18.2076, 21.5693



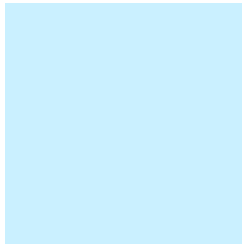
26.0740, 12.9189, 24.8378



2.5856, 1.2766, 2.6653

Previews

White Background



This preview shows how the XYZ color 73.5672, 82.0967, 106.5766 looks on a white background.

Color Contrast Check

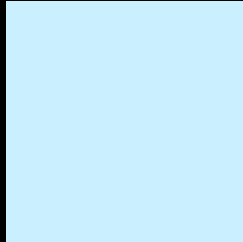
Large Text (above 18pt) WCAG AA × Fail

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 73.5672, 82.0967, 106.5766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

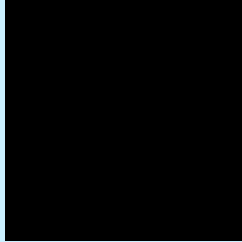
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5672, 82.0967, 106.5766

Background



This preview shows how black text looks on a background with the XYZ color 73.5672, 82.0967, 106.5766.

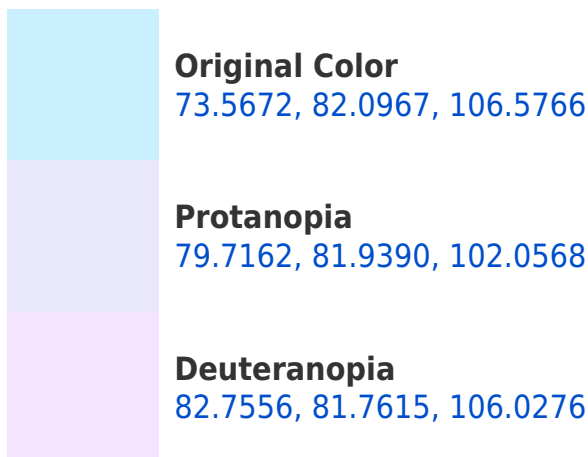


This preview shows how white text looks on a background with the XYZ color 73.5672, 82.0967,

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





Tritanopia

74.9289, 82.3629, 106.5562

Trichromacy



Original Color

73.5672, 82.0967, 106.5766

Protanomaly

77.4032, 81.9745, 103.8385

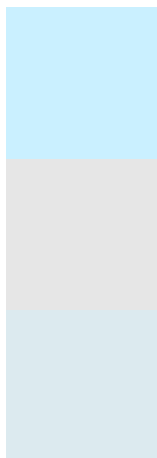
Deuteranomaly

78.9015, 81.4272, 106.1662

Tritanomaly

74.3701, 82.0748, 106.5300

Monochromacy



Original Color

73.5672, 82.0967, 106.5766

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5180, 80.2933, 93.2320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5672, 82.0967, 106.5766 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, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 240, 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, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5672, 82.0967, 106.5766 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, 240, 255) }
```


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

```
.border{ border-color:rgb(202, 240, 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, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5672, 82.0967, 106.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 240, 255) }
```

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

```
.background{ background-color: rgb(202,  
240, 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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