

Converting Colors

XYZ(73.3762, 84.9216,
107.1319)

Have a look what the booklet for
XYZ(73.3762, 84.9216, 107.1319)
contains.

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Color

**XYZ(73.5589, 85.2109,
107.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F7FF
RGB	194, 247, 255
RGB Percent	76%, 97%, 100%
CMY	0.2392, 0.0314, 0.0000
CMYK	0.24, 0.03, 0.00, 0.00
HSL	188°, 100%, 88%
HSV	188°, 24%, 100%
XYZ	73.5589, 85.2109, 107.1781
YIQ	232.0650, -34.1560, -8.7480

Conversions

Conversions Part 2

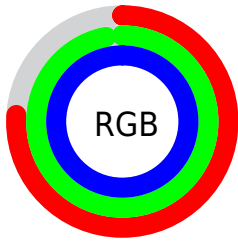
Format	Color
RYB	194, 222, 255
Decimal	12777471
CIELab	93.97, -14.97, -9.34
CIELCh	94, 17.642, 211.969
Yxy	85.2109, 0.2766, 0.3204
Android (android.graphics.Color)	4290967551 (0xFFC2F7FF)
YUV	232.0650, 11.3070, -33.3830
Hunter-Lab	92.3098, -19.3007, -4.2230

Details

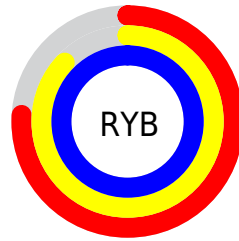
The XYZ color **73.5589, 85.2109, 107.1781** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0980, 67.3953, 60.2493**, and the grayscale version is **76.6887, 80.6825, 87.8632**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **39.4713, 46.8278, 60.3844** is the 20% darker color. If you saturate the color by 10%, you get **66.5550, 80.0986, 106.5605**, and if you desaturate by 10%, it is **81.7086, 90.9454, 107.8555**.

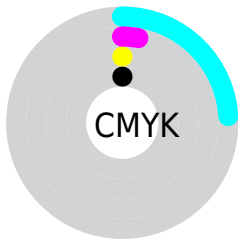
Distribution



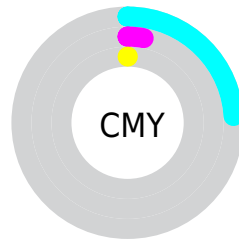
- Red (76%)
- Green (97%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5589, 85.2109, 107.1781 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 73.5589, 85.2109, 107.1781 by changing the saturation by 10% instead.

73.5589, 85.2109,
107.1781

73.5589, 85.2109,
107.1781

462.0234,
512.3257, 604.4114

54.7231, 64.0157,
81.6585

123.2692,
140.6678, 173.1247

39.4130, 46.6634,
60.5499

154.8744,
175.6982, 214.3887

27.2634, 32.7696,
43.4338

191.4667,
216.1092, 261.7380

17.9087, 21.9500,
29.8917

233.4116,
262.2851, 315.5910

10.9838, 13.8202,
19.5051

281.0743,
314.6103, 376.3663

6.1231, 7.9957,
11.8553

334.8203,

2.9615, 4.0922,

373.4692, 444.4825

6.5239

395.0149,
439.2462, 520.3580

■ 1.1334, 1.7253,
3.0923

■ 0.0528, 0.4399,
1.1419

■ 73.5589, 85.2109,
107.1781

■ 73.5589, 85.2109,
107.1781

■ 66.5550, 80.0986,
106.5605

■ 81.7086, 90.9454,
107.8555

■ 60.6326, 75.5688,
105.9983

■ 91.0506, 97.3198,
108.5935

■ 55.7316, 71.5924,
105.4891

95.0500, 100.0000,
108.9000

■ 51.7830, 68.1337,
105.0296

■ 48.7092, 65.1527,
104.6162

■ 46.4202, 62.6027,
104.2447

■ 44.8058, 60.4268,
103.9098

■ 44.0589, 59.2377,
103.7196

Harmonies

Analogous

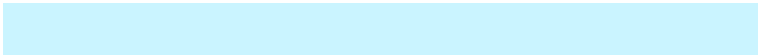
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2852, 85.2109, 93.6726



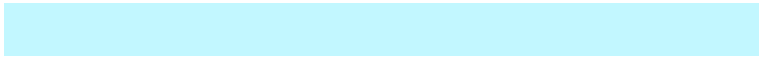
73.5589, 85.2109, 107.1781



76.8147, 85.2109, 117.5681

Triad

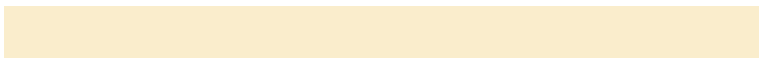
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5589, 85.2109, 107.1781



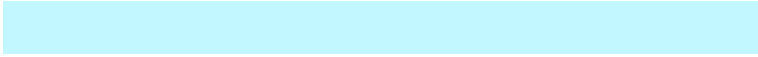
89.2373, 85.2109, 105.4906



80.6802, 85.2109, 69.2303

Complementary

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



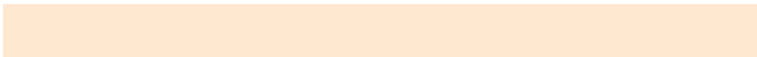
73.5589, 85.2109, 107.1781



72.0980, 67.3953, 60.2493

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.



85.3148, 85.2109, 71.7469



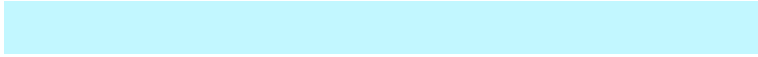
73.5589, 85.2109, 107.1781



90.3679, 85.2109, 91.8934

Square

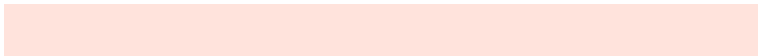
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5589, 85.2109, 107.1781



85.8730, 85.2109, 116.5295



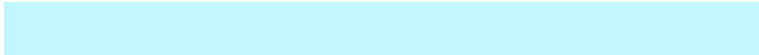
88.9063, 85.2109, 79.7331



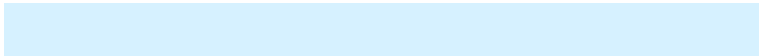
76.2965, 85.2109, 72.4990

Rectangle

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



73.5589, 85.2109, 107.1781



79.7336, 85.2109, 120.8584



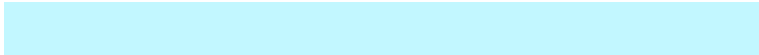
88.9063, 85.2109, 79.7331



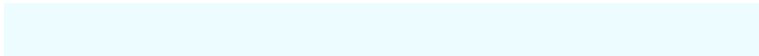
82.2604, 85.2109, 69.4269

Sweetspot

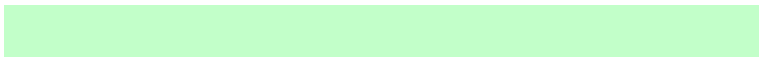
The Sweet Spot groups the original color and five complimentary colors.



73.5612, 85.2142, 107.1787



88.0433, 95.2866, 108.3595



68.5655, 87.2124, 68.5518



18.7217, 20.3115, 23.1837



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.



73.5612, 85.2142, 107.1787



69.8632, 82.5406, 106.8575



65.2111, 68.5142, 104.3953



18.3398, 20.0513, 23.1536



23.1009, 31.1113, 54.2221



2.3033, 3.1373, 5.2974

Inverse Universe

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



77.3217, 66.5606, 96.7718



74.3024, 60.9394, 94.4785



79.7271, 82.6535, 62.7923



18.6842, 18.2570, 22.2200



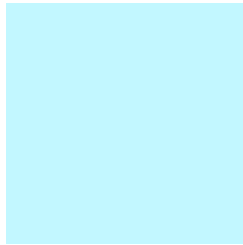
28.4485, 13.8687, 37.3416



2.7972, 1.3613, 3.7795

Previews

White Background



This preview shows how the XYZ color 73.5589, 85.2109, 107.1781 looks on a white background.

Color Contrast Check

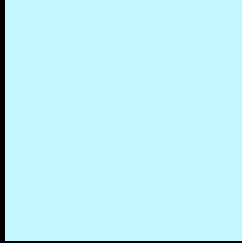
Large Text (above 18pt) WCAG AA × Fail

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 73.5589, 85.2109, 107.1781 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 73.5589, 85.2109, 107.1781

Background



This preview shows how black text looks on a background with the XYZ color 73.5589, 85.2109, 107.1781.

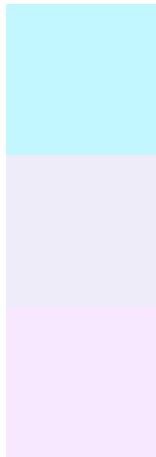


This preview shows how white text looks on a background with the XYZ color 73.5589, 85.2109,

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

73.5589, 85.2109, 107.1781

Protanopia

82.1986, 84.9454, 100.8707

Deuteranopia

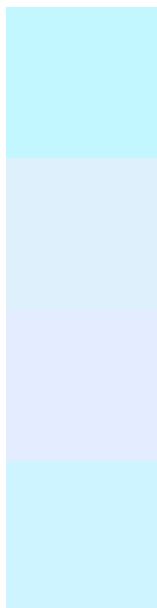
85.6180, 84.8897, 106.4805



Tritanopia

77.2427, 84.8704, 106.9182

Trichromacy



Original Color

73.5589, 85.2109, 107.1781

Protanomaly

78.6969, 84.8148, 103.4899

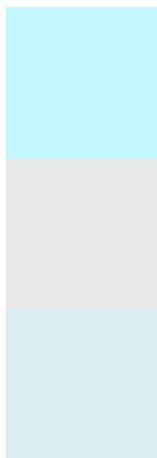
Deuteranomaly

80.3291, 84.2824, 106.6421

Tritanomaly

75.8543, 85.0432, 107.0248

Monochromacy



Original Color

73.5589, 85.2109, 107.1781

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

74.9258, 81.7651, 94.2713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5589, 85.2109, 107.1781 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(194, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 247, 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(194, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5589, 85.2109, 107.1781 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(194, 247, 255) }
```


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

```
.border{ border-color:rgb(194, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5589, 85.2109, 107.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 247, 255) }
```

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

```
.background{ background-color: rgb(194,  
247, 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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