

Converting Colors

XYZ(76.5689, 86.2453,
107.2191)

Have a look what the booklet for
XYZ(76.5689, 86.2453, 107.2191)
contains.

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Color

**XYZ(76.7379, 86.3969,
107.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF6FF
RGB	207, 246, 255
RGB Percent	81%, 96%, 100%
CMY	0.1882, 0.0353, 0.0000
CMYK	0.19, 0.04, 0.00, 0.00
HSL	191°, 100%, 91%
HSV	191°, 19%, 100%
XYZ	76.7379, 86.3969, 107.2395
YIQ	235.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

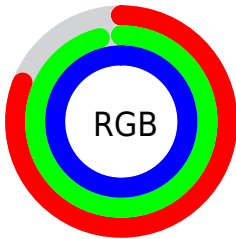
Format	Color
R_{YB}	207, 229, 255
Decimal	13629183
CIE _{Lab}	94.48, -10.64, -8.50
CIE _{LCh}	94, 13.616, 218.642
Yxy	86.3969, 0.2838, 0.3195
Android (android.graphics.Color)	4291819263 (0xFFCFF6FF)
YUV	235.3650, 9.6801, -24.8761
Hunter-Lab	92.9499, -15.2958, -3.3399

Details

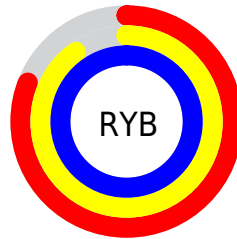
The XYZ color **76.7379, 86.3969, 107.2395** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.0581, 74.8757, 69.4243**, and the grayscale version is **79.1884, 83.3124, 90.7272**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5554, 47.5795, 60.4196** is the 20% darker color. If you saturate the color by 10%, you get **68.7464, 80.1492, 106.4548**, and if you desaturate by 10%, it is **85.9219, 93.3194, 108.0916**.

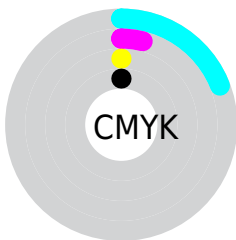
Distribution



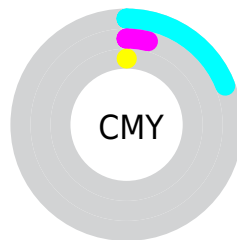
- Red (81%)
- Green (96%)
- Blue (100%)



- Red (81%)
- Yellow (90%)
- Blue (100%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7379, 86.3969, 107.2395 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 76.7379, 86.3969, 107.2395 by changing the saturation by 10% instead.

76.7379, 86.3969,
107.2395

76.7379, 86.3969,
107.2395

472.7756,
516.2390, 604.6059

57.3370, 64.9962,
81.7097

127.7442,
142.3232, 173.2092

41.5170, 47.4580,
60.5918

160.0804,
177.6177, 214.4862

28.9128, 33.3979,
43.4674

197.4589,
218.3121, 261.8493

19.1588, 22.4314,
29.9179

240.2452,
264.7911, 315.7171

11.8898, 14.1742,
19.5248

288.8047,
317.4388, 376.5082

6.7403, 8.2420,
11.8694

343.5027,

3.3451, 4.2502,

376.6398, 444.6409

6.5334

404.7045,
442.7784, 520.5340

■ 1.3388, 1.8145,
3.0981

■ 0.2120, 0.4962,
1.1449

■ 76.7379, 86.3969,
107.2395

■ 76.7379, 86.3969,
107.2395

■ 68.7464, 80.1492,
106.4548

■ 85.9219, 93.3194,
108.0916

■ 61.8852, 74.5369,
105.7331

95.0500, 100.0000,
108.9000

■ 56.0966, 69.5323,
105.0722

■ 51.3149, 65.1011,
104.4689

■ 47.4671, 61.2052,
103.9197

■ 44.4699, 57.8012,
103.4207

■ 42.2246, 54.8378,
102.9670

■ 40.5883, 52.2409,
102.5520

■ 40.4140, 51.9480,
102.5047

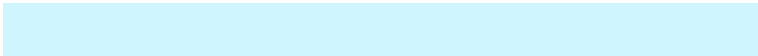
Harmonies

Analogous

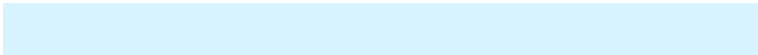
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3487, 86.3969, 97.1355



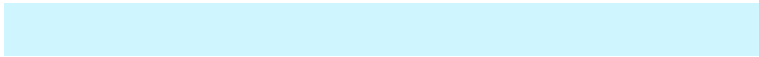
76.7379, 86.3969, 107.2395



79.5790, 86.3969, 114.1379

Triad

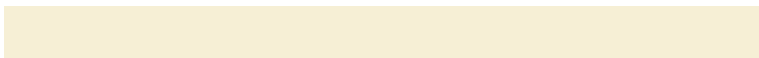
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7379, 86.3969, 107.2395



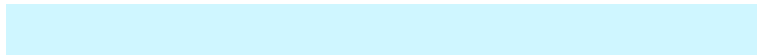
88.8541, 86.3969, 101.6113



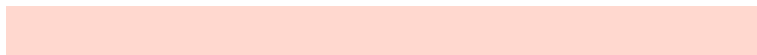
81.0638, 86.3969, 75.5036

Complementary

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



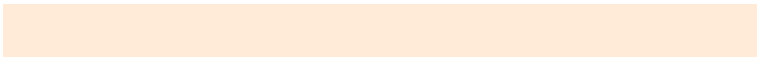
76.7379, 86.3969, 107.2395



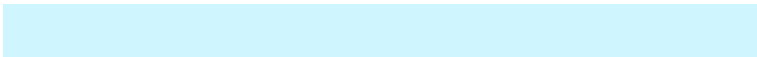
77.0581, 74.8757, 69.4243

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.



84.7098, 86.3969, 76.5067



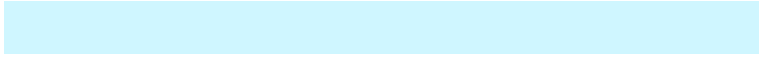
76.7379, 86.3969, 107.2395



89.2803, 86.3969, 91.0727

Square

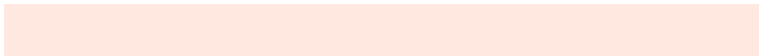
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7379, 86.3969, 107.2395



86.5953, 86.3969, 110.7241



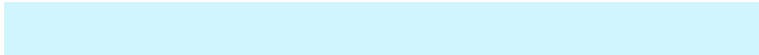
87.7432, 86.3969, 82.0282



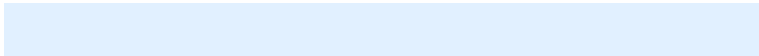
77.7971, 86.3969, 79.1784

Rectangle

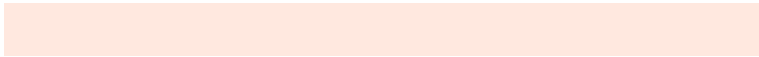
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7379, 86.3969, 107.2395



81.9509, 86.3969, 115.7146



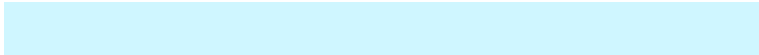
87.7432, 86.3969, 82.0282



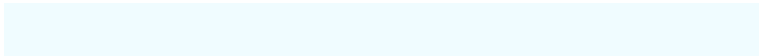
82.2847, 86.3969, 75.3109

Sweetspot

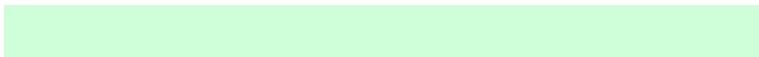
The Sweet Spot groups the original color and five complimentary colors.



76.7402, 86.4003, 107.2400



88.7355, 95.3970, 108.3443



73.8620, 89.7334, 78.2591



18.8518, 20.3149, 23.1775



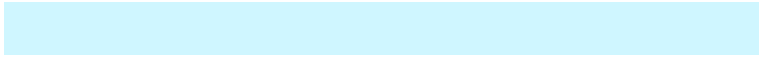
0.0000, 0.0000, 0.0000



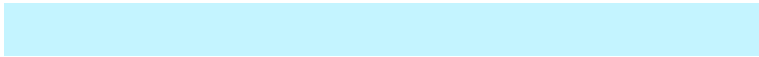
20.3446, 21.4041, 23.3091

Same Dimension

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



76.7402, 86.4003, 107.2400



73.2594, 83.7093, 106.9041



69.9578, 72.8357, 104.9793



18.2485, 19.8685, 23.1232



21.2209, 27.3514, 53.5955



2.1375, 2.8057, 5.2422

Inverse Universe

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



80.1888, 72.5411, 96.9682



77.3894, 67.4301, 94.5312



83.6043, 87.9681, 71.6064



18.6381, 18.2385, 21.9771



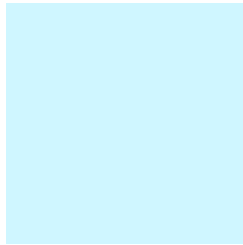
27.4995, 13.4891, 32.3447



2.7135, 1.3278, 3.3388

Previews

White Background



This preview shows how the XYZ color 76.7379, 86.3969, 107.2395 looks on a white background.

Color Contrast Check

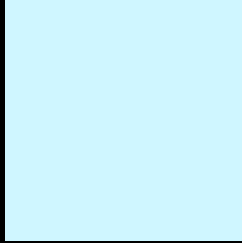
Large Text (above 18pt) WCAG AA × Fail

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 76.7379, 86.3969, 107.2395 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 76.7379, 86.3969, 107.2395

Background



This preview shows how black text looks on a background with the XYZ color 76.7379, 86.3969, 107.2395.

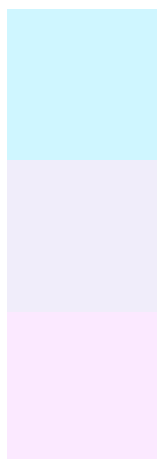


This preview shows how white text looks on a background with the XYZ color 76.7379, 86.3969,

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

76.7379, 86.3969, 107.2395

Protanopia

83.4747, 85.9958, 102.6417

Deuteranopia

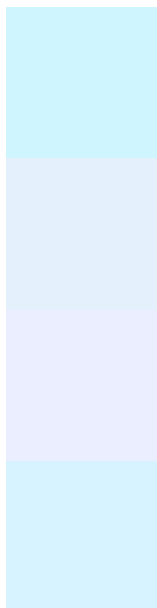
86.9726, 86.0071, 106.6248



Tritanopia

79.3173, 85.9399, 107.0153

Trichromacy



Original Color

76.7379, 86.3969, 107.2395

Protanomaly

80.7257, 85.8424, 104.4100

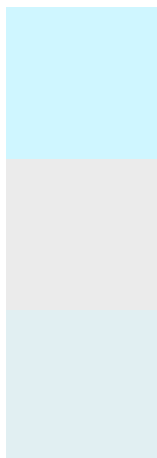
Deuteranomaly

82.8855, 86.0312, 106.8449

Tritanomaly

78.1249, 85.7683, 107.0450

Monochromacy



Original Color

76.7379, 86.3969, 107.2395

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9449, 84.1514, 96.1391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7379, 86.3969, 107.2395 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(207, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 246, 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(207, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.7379, 86.3969, 107.2395 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(207, 246, 255) }
```


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

```
.border{ border-color:rgb(207, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(207, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7379, 86.3969, 107.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 246, 255) }
```

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

```
.background{ background-color: rgb(207,  
246, 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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