

Converting Colors

XYZ(74.4362, 85.0675,
107.1042)

Have a look what the booklet for
XYZ(74.4362, 85.0675, 107.1042)
contains.

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Color

**XYZ(74.5590, 85.2736,
107.1375)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F6FF
RGB	199, 246, 255
RGB Percent	78%, 96%, 100%
CMY	0.2196, 0.0353, 0.0000
CMYK	0.22, 0.04, 0.00, 0.00
HSL	190°, 100%, 89%
HSV	190°, 22%, 100%
XYZ	74.5590, 85.2736, 107.1375
YIQ	232.9730, -30.9010, -7.1650

Conversions

Conversions Part 2

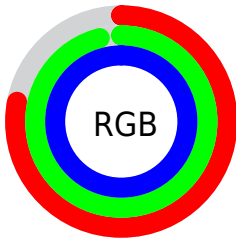
Format	Color
R_{YB}	199, 225, 255
Decimal	13104895
CIE _{Lab}	94.00, -13.01, -9.27
CIE _{LCh}	94, 15.975, 215.465
Yxy	85.2736, 0.2793, 0.3194
Android (android.graphics.Color)	4291294975 (0xFFC7F6FF)
YUV	232.9730, 10.8593, -29.7943
Hunter-Lab	92.3437, -17.4792, -4.1479

Details

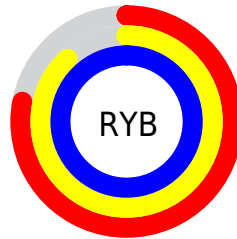
The XYZ color **74.5590, 85.2736, 107.1375** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1047, 70.4947, 63.7359**, and the grayscale version is **77.3712, 81.4006, 88.6452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1081, 46.8334, 60.3519** is the 20% darker color. If you saturate the color by 10%, you get **67.1200, 79.6115, 106.4367**, and if you desaturate by 10%, it is **83.1637, 91.5818, 107.9016**.

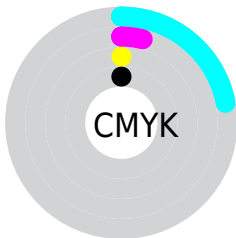
Distribution



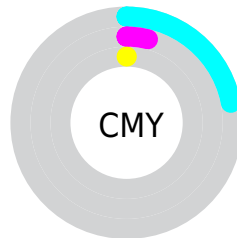
- Red (78%)
- Green (96%)
- Blue (100%)



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



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5590, 85.2736, 107.1375 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 74.5590, 85.2736, 107.1375 by changing the saturation by 10% instead.

74.5590, 85.2736,
107.1375

74.5590, 85.2736,
107.1375

465.4210,
512.5330, 604.2828

55.5446, 64.0675,
81.6246

124.6792,
140.7554, 173.0688

40.0735, 46.7053,
60.5221

156.5156,
175.7998, 214.3243

27.7803, 32.8028,
43.4116

193.3568,
216.2258, 261.6644

18.2997, 21.9754,
29.8744

235.5681,
262.4177, 315.5076

11.2664, 13.8388,
19.4920

283.5147,
314.7600, 376.2725

6.3149, 8.0086,
11.8459

337.5622,

3.0800, 4.1005,

373.6371, 444.3777

6.5176

398.0759,
439.4333, 520.2416

■ 1.1962, 1.7299,
3.0885

■ 0.1034, 0.4429,
1.1400

■ 74.5590, 85.2736,
107.1375

■ 74.5590, 85.2736,
107.1375

■ 67.1200, 79.6115,
106.4367

■ 83.1637, 91.5818,
107.9016

■ 60.7832, 74.5559,
105.7949

■ 92.9800, 98.5535,
108.7299

■ 55.4895, 70.0784,
105.2096

■ 95.0500, 100.0000,
108.9000

■ 51.1712, 66.1437,
104.6777

■ 47.7525, 62.7125,
104.1956

■ 45.1462, 59.7396,
103.7592

■ 43.2470, 57.1704,
103.3634

■ 42.1059, 55.3319,
103.0686

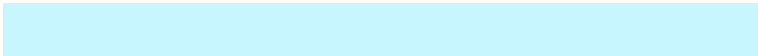
Harmonies

Analogous

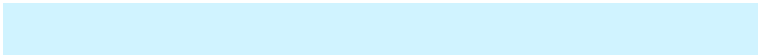
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1653, 85.2736, 95.1009



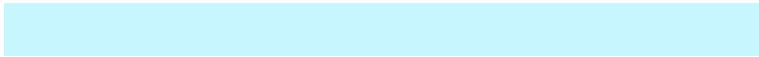
74.5590, 85.2736, 107.1375



77.6955, 85.2736, 115.8695

Triad

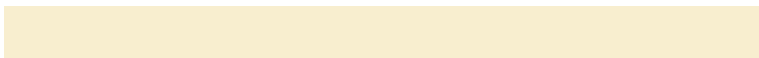
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5590, 85.2736, 107.1375



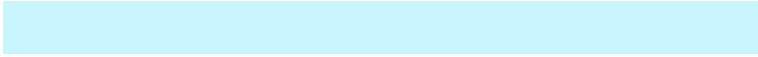
88.7334, 85.2736, 102.9359



80.2723, 85.2736, 71.3964

Complementary

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



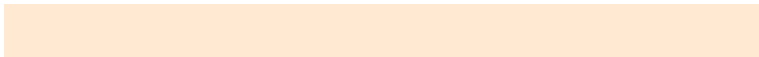
74.5590, 85.2736, 107.1375



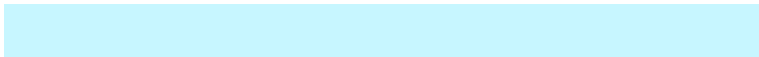
74.1047, 70.4947, 63.7359

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.



84.4997, 85.2736, 73.0984



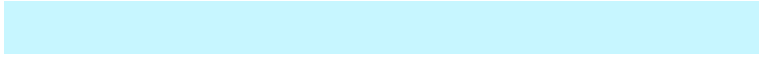
74.5590, 85.2736, 107.1375



89.4817, 85.2736, 90.6319

Square

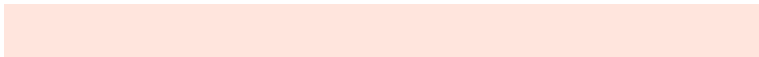
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5590, 85.2736, 107.1375



85.8968, 85.2736, 113.2987



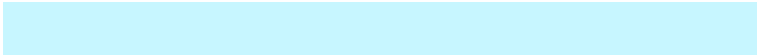
87.9072, 85.2736, 79.8900



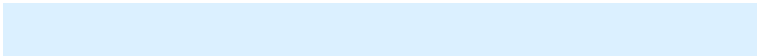
76.3891, 85.2736, 75.0201

Rectangle

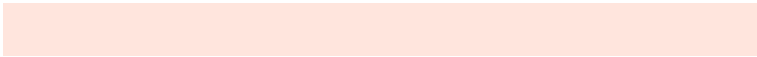
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



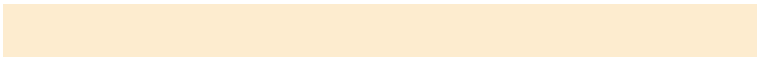
74.5590, 85.2736, 107.1375



80.4040, 85.2736, 118.2561



87.9072, 85.2736, 79.8900



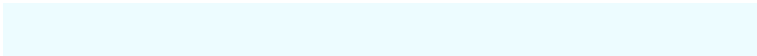
81.6995, 85.2736, 71.3686

Sweetspot

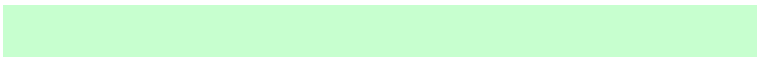
The Sweet Spot groups the original color and five complimentary colors.



74.5613, 85.2770, 107.1380



87.8772, 94.9545, 108.3042



70.6258, 88.1873, 72.5894



18.6831, 20.2344, 23.1709



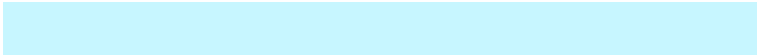
0.0000, 0.0000, 0.0000



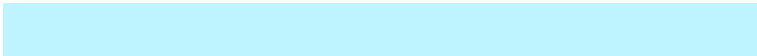
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5613, 85.2770, 107.1380



71.4179, 82.9125, 106.8473



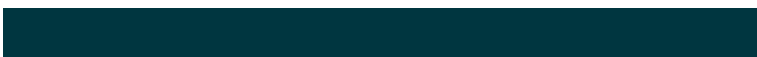
66.8319, 69.8182, 104.5616



18.2918, 19.9552, 23.1376



22.0940, 29.0976, 53.8865



2.2148, 2.9602, 5.2679

Inverse Universe

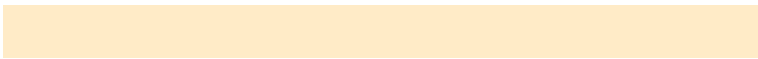
The Inverse Universe completely reimagines the original color for something new.



78.2994, 68.7624, 96.3382



75.7554, 64.0792, 94.2423



81.3725, 85.0303, 66.1585



18.6599, 18.2473, 22.0923



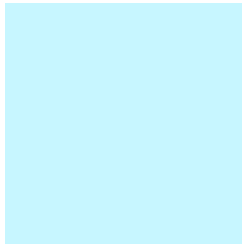
27.9402, 13.6654, 34.6654



2.7525, 1.3434, 3.5441

Previews

White Background



This preview shows how the XYZ color 74.5590, 85.2736, 107.1375 looks on a white background.

Color Contrast Check

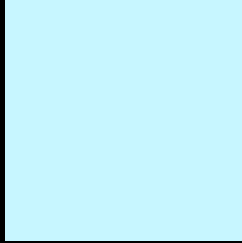
Large Text (above 18pt) WCAG AA × Fail

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 74.5590, 85.2736, 107.1375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

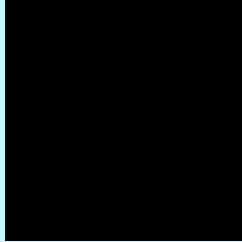
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5590, 85.2736, 107.1375

Background



This preview shows how black text looks on a background with the XYZ color 74.5590, 85.2736, 107.1375.

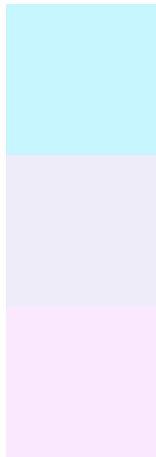


This preview shows how white text looks on a background with the XYZ color 74.5590, 85.2736,

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

74.5590, 85.2736, 107.1375

Protanopia

82.3542, 85.0076, 101.6901

Deuteranopia

85.9735, 85.0730, 106.4972



Tritanopia

77.8265, 85.1713, 106.9456

Trichromacy



Original Color

74.5590, 85.2736, 107.1375

Protanomaly

79.3131, 85.1325, 103.5188

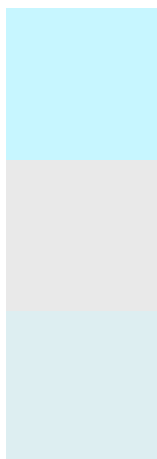
Deuteranomaly

81.2892, 84.7773, 106.6870

Tritanomaly

76.3951, 84.8765, 106.9641

Monochromacy



Original Color

74.5590, 85.2736, 107.1375

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.2705, 82.8721, 95.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5590, 85.2736, 107.1375 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, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.5590, 85.2736, 107.1375 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, 246, 255) }
```


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

```
.border{ border-color:rgb(199, 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(199, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5590, 85.2736, 107.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 246, 255) }
```

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

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