

Converting Colors

XYZ(80.8566, 86.5984,
133.7531)

Have a look what the booklet for
XYZ(80.8566, 86.5984, 133.7531)
contains.

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Color

**XYZ(75.8327, 84.5866,
106.9378)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF3FF
RGB	207, 243, 255
RGB Percent	81%, 95%, 100%
CMY	0.1882, 0.0470, 0.0000
CMYK	0.19, 0.05, 0.00, 0.00
HSL	195°, 100%, 91%
HSV	195°, 19%, 100%
XYZ	75.8327, 84.5866, 106.9378
YIQ	233.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

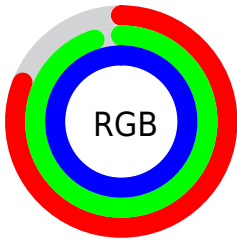
Format	Color
R _Y B	207, 228, 255
Decimal	13628415
CIE Lab	93.70, -9.12, -9.66
CIE LCh	94, 13.284, 226.624
Yxy	84.5866, 0.2836, 0.3164
Android (android.graphics.Color)	4291818495 (0xFFCFF3FF)
YUV	233.6040, 10.5482, -23.3317
Hunter-Lab	91.9710, -13.7708, -4.5588

Details

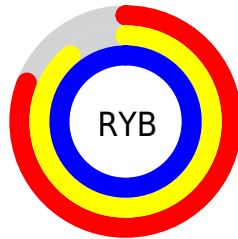
The XYZ color **75.8327, 84.5866, 106.9378** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.8336, 76.4268, 69.6827**, and the grayscale version is **77.8459, 81.8999, 89.1890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9123, 46.2933, 60.2053** is the 20% darker color. If you saturate the color by 10%, you get **67.4020, 77.4603, 106.0066**, and if you desaturate by 10%, it is **85.4846, 92.4451, 107.9459**.

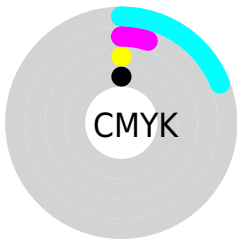
Distribution



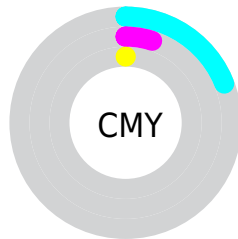
- Red (81%)
- Green (95%)
- Blue (100%)



- Red (81%)
- Yellow (89%)
- Blue (100%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8327, 84.5866, 106.9378 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 75.8327, 84.5866, 106.9378 by changing the saturation by 10% instead.

75.8327, 84.5866,
106.9378

75.8327, 84.5866,
106.9378

469.7280,
510.2591, 603.6498

56.5919, 63.4999,
81.4580

126.4720,
139.7954, 172.7938

40.9165, 46.2457,
60.3857

158.6012,
174.6863, 214.0072

28.4413, 32.4398,
43.3023

195.7573,
214.9474, 261.3021

18.8007, 21.6976,
29.7892

238.3056,
260.9630, 315.0972

11.6295, 13.6349,
19.4279

286.6115,
313.1176, 375.8110

6.5623, 7.8672,
11.8000

341.0403,

3.2338, 4.0101,

371.7956, 443.8620

6.4867

401.9573,
437.3813, 519.6688

■ 1.2786, 1.6792,
3.0697

■ 0.1671, 0.4101,
1.1303

■ 75.8327, 84.5866,
106.9378

■ 75.8327, 84.5866,
106.9378

■ 67.4020, 77.4603,
106.0066

■ 85.4846, 92.4451,
107.9459

■ 60.1299, 71.0265,
105.1480

95.0500, 100.0000,
108.9000

■ 53.9585, 65.2563,
104.3596

■ 48.8217, 60.1147,
103.6379

■ 44.6459, 55.5629,
102.9794

■ 41.3476, 51.5566,
102.3799

■ 38.8276, 48.0437,
101.8347

■ 36.9425, 44.9491,
101.3367

■ 36.7405, 44.6010,
101.2802

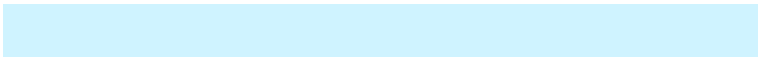
Harmonies

Analogous

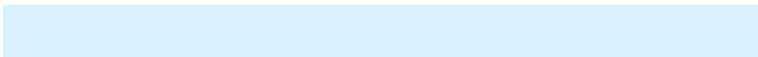
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0776, 84.5866, 97.7644



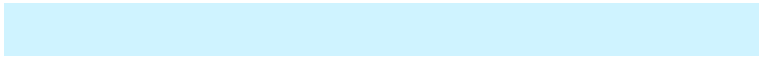
75.8327, 84.5866, 106.9378



78.8397, 84.5866, 112.2988

Triad

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



75.8327, 84.5866, 106.9378



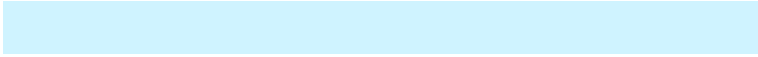
87.1708, 84.5866, 96.6631



78.4741, 84.5866, 74.7293

Complementary

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



75.8327, 84.5866, 106.9378



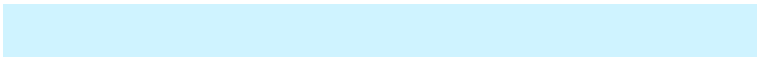
77.8336, 76.4268, 69.6827

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.



81.9748, 84.5866, 74.4820



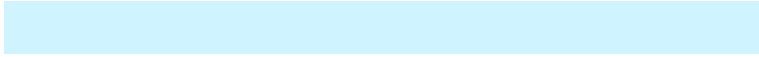
75.8327, 84.5866, 106.9378



87.0660, 84.5866, 86.6596

Square

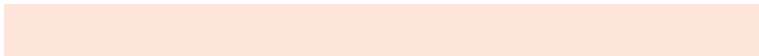
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8327, 84.5866, 106.9378



85.4234, 84.5866, 106.0810



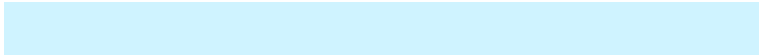
85.1409, 84.5866, 78.7032



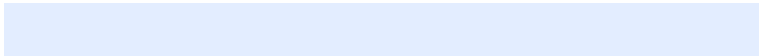
75.5718, 84.5866, 79.4056

Rectangle

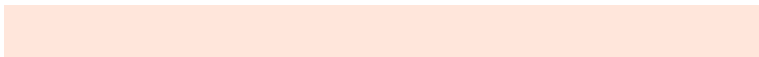
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



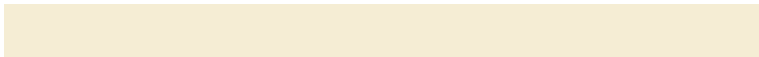
75.8327, 84.5866, 106.9378



81.1812, 84.5866, 112.7524



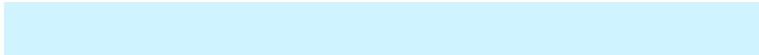
85.1409, 84.5866, 78.7032



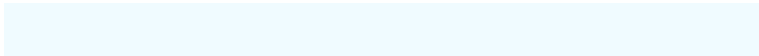
79.6180, 84.5866, 74.1380

Sweetspot

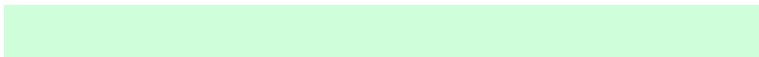
The Sweet Spot groups the original color and five complimentary colors.



75.8349, 84.5900, 106.9383



88.4357, 94.7974, 108.2444



74.1742, 89.8583, 79.9033



18.7808, 20.1729, 23.1539



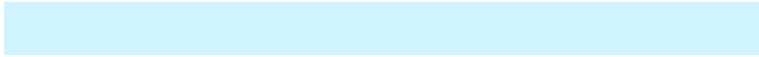
0.0000, 0.0000, 0.0000



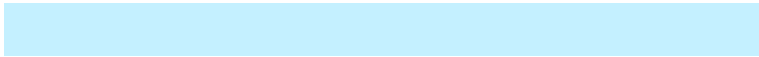
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8349, 84.5900, 106.9383



72.1672, 81.5250, 106.5400



69.3240, 71.5682, 104.7680



18.1479, 19.6673, 23.0896



19.3224, 23.5545, 52.9626



1.9679, 2.4664, 5.1856

Inverse Universe

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



79.7319, 72.3582, 94.5622



76.8381, 67.2096, 91.6283



84.3147, 89.3889, 71.8430



18.5873, 18.2182, 21.7098



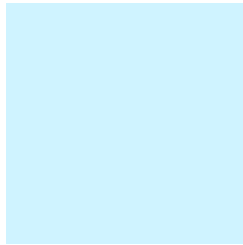
26.5413, 13.1058, 27.2985



2.6279, 1.2935, 2.8879

Previews

White Background



This preview shows how the XYZ color 75.8327, 84.5866, 106.9378 looks on a white background.

Color Contrast Check

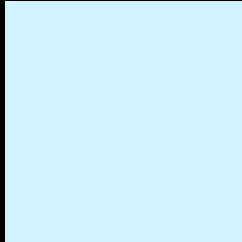
Large Text (above 18pt) WCAG AA × Fail

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 75.8327, 84.5866, 106.9378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

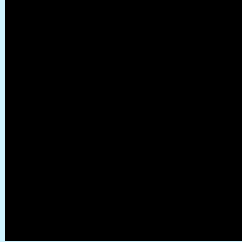
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8327, 84.5866, 106.9378

Background



This preview shows how black text looks on a background with the XYZ color 75.8327, 84.5866, 106.9378.



This preview shows how white text looks on a background with the XYZ color 75.8327, 84.5866,

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

77.8242, 84.7295, 106.8604

Trichromacy



Original Color

75.8327, 84.5866, 106.9378

Protanomaly

79.5093, 84.3461, 104.1853

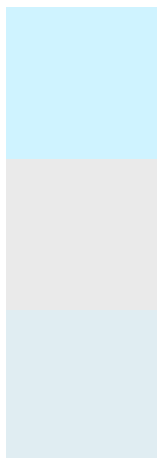
Deuteranomaly

81.3626, 83.9603, 106.5254

Tritanomaly

77.2427, 84.8704, 106.9182

Monochromacy



Original Color

75.8327, 84.5866, 106.9378

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0517, 82.8265, 95.9305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8327, 84.5866, 106.9378 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.8327, 84.5866, 106.9378 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, 243, 255) }
```


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

```
.border{ border-color:rgb(207, 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(207, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8327, 84.5866, 106.9378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 243, 255) }
```

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

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