

Converting Colors

XYZ(77.8697, 86.9804,
107.2925)

Have a look what the booklet for
XYZ(77.8697, 86.9804, 107.2925)
contains.

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Color

**XYZ(77.8697, 86.9804,
107.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F6FF
RGB	211, 246, 255
RGB Percent	83%, 96%, 100%
CMY	0.1725, 0.0353, 0.0000
CMYK	0.17, 0.04, 0.00, 0.00
HSL	192°, 100%, 91%
HSV	192°, 17%, 100%
XYZ	77.8697, 86.9804, 107.2925
YIQ	236.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

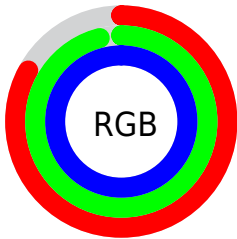
Format	Color
R_{YB}	211, 230, 255
Decimal	13891327
CIE _{Lab}	94.73, -9.43, -8.11
CIE _{LCh}	95, 12.434, 220.697
Yxy	86.9804, 0.2861, 0.3196
Android (android.graphics.Color)	4292081407 (0xFFD3F6FF)
YUV	236.5610, 9.0904, -22.4170
Hunter-Lab	93.2633, -14.1731, -2.9245

Details

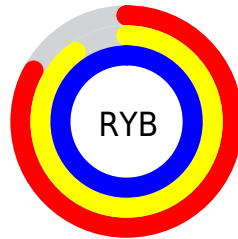
The XYZ color **77.8697, 86.9804, 107.2925** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.5907, 77.1483, 72.3785**, and the grayscale version is **80.1062, 84.2780, 91.7787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3168, 47.9720, 60.4553** is the 20% darker color. If you saturate the color by 10%, you get **69.5727, 80.3843, 106.4566**, and if you desaturate by 10%, it is **87.3746, 94.2698, 108.1985**.

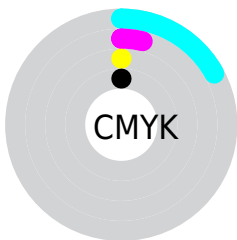
Distribution



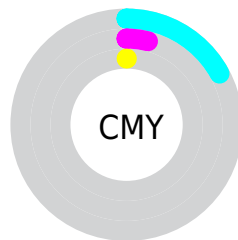
- Red (83%)
- Green (96%)
- Blue (100%)



- Red (83%)
- Yellow (90%)
- Blue (100%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8697, 86.9804, 107.2925 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 77.8697, 86.9804, 107.2925 by changing the saturation by 10% instead.

77.8697, 86.9804,
107.2925

77.8697, 86.9804,
107.2925

476.5708,
518.1585, 604.7738

58.2694, 65.4790,
81.7539

129.3328,
143.1368, 173.2822

42.2693, 47.8496,
60.6281

161.9262,
178.5606, 214.5703

29.5043, 33.7078,
43.4965

199.5814,
219.3940, 261.9454

19.6088, 22.6692,
29.9406

242.6636,
266.0214, 315.8260

12.2176, 14.3494,
19.5418

291.5384,
318.8271, 376.6306

6.9653, 8.3641,
11.8817

346.5709,

3.4866, 4.3288,

378.1956, 444.7777

6.5416

408.1266,
444.5112, 520.6859

■ 1.4160, 1.8591,
3.1030

■ 0.2676, 0.5236,
1.1475

■ 77.8697, 86.9804,
107.2925

■ 77.8697, 86.9804,
107.2925

■ 69.5727, 80.3843,
106.4566

■ 87.3746, 94.2698,
108.1985

■ 62.4220, 74.4424,
105.6866

95.0500, 100.0000,
108.9000

■ 56.3604, 69.1269,
104.9801

■ 51.3233, 64.4041,
104.3339

■ 47.2389, 60.2363,
103.7447

■ 44.0257, 56.5809,
103.2085

■ 41.5878, 53.3880,
102.7207

■ 39.8017, 50.5933,
102.2755

■ 39.3747, 49.8694,
102.1582

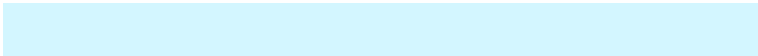
Harmonies

Analogous

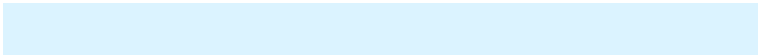
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4845, 86.9804, 98.1833



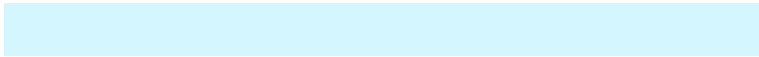
77.8697, 86.9804, 107.2925



80.5548, 86.9804, 113.2665

Triad

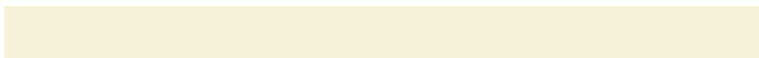
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8697, 86.9804, 107.2925



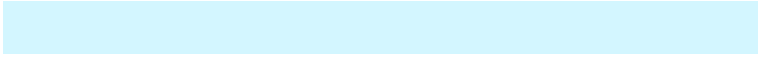
88.9214, 86.9804, 100.9564



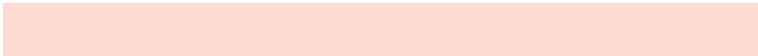
81.4788, 86.9804, 77.6628

Complementary

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



77.8697, 86.9804, 107.2925



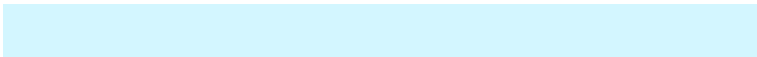
78.5907, 77.1483, 72.3785

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.



84.8265, 86.9804, 78.2942



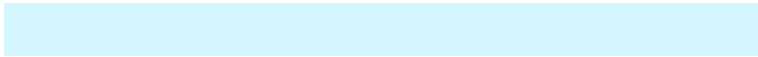
77.8697, 86.9804, 107.2925



89.1851, 86.9804, 91.3135

Square

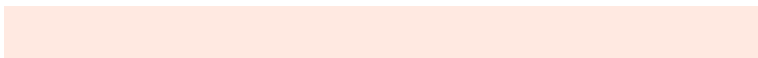
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8697, 86.9804, 107.2925



86.9573, 86.9804, 109.4405



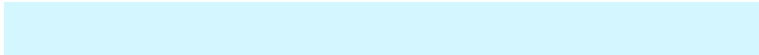
87.6683, 86.9804, 83.1461



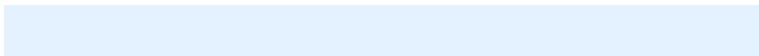
78.5303, 86.9804, 81.3588

Rectangle

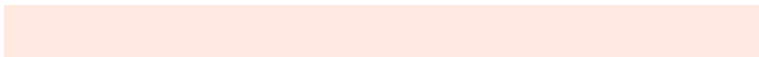
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8697, 86.9804, 107.2925



82.7509, 86.9804, 114.4411



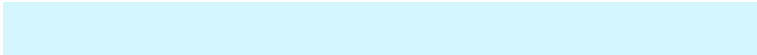
87.6683, 86.9804, 83.1461



82.5937, 86.9804, 77.3827

Sweetspot

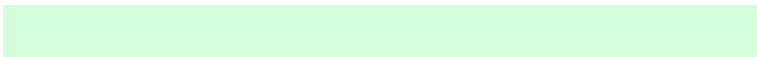
The Sweet Spot groups the original color and five complimentary colors.



77.8720, 86.9839, 107.2930



89.6879, 96.0097, 108.4124



75.5167, 90.5261, 81.0658



19.0411, 20.4331, 23.1904



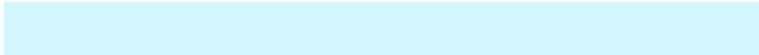
0.0000, 0.0000, 0.0000



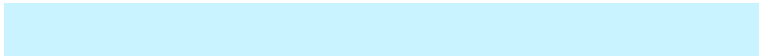
20.3446, 21.4041, 23.3091

Same Dimension

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



77.8720, 86.9839, 107.2930



74.6249, 84.4328, 106.9717



71.6246, 74.4890, 105.2105



18.2210, 19.8135, 23.1140



20.6842, 26.2780, 53.4166



2.0898, 2.7103, 5.2263

Inverse Universe

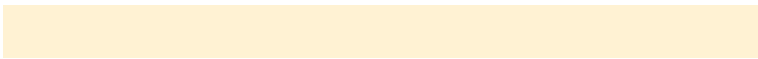
The Inverse Universe completely reimagines the original color for something new.



81.1702, 74.5039, 97.2954



78.5688, 69.7782, 94.9570



84.6910, 89.3490, 74.4120



18.6242, 18.2330, 21.9041



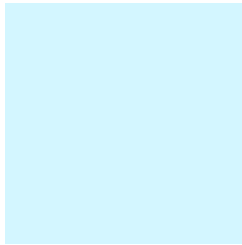
27.2286, 13.3807, 30.9181



2.6894, 1.3182, 3.2120

Previews

White Background



This preview shows how the XYZ color 77.8697, 86.9804, 107.2925 looks on a white background.

Color Contrast Check

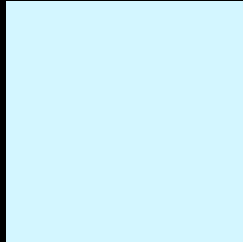
Large Text (above 18pt) WCAG AA × Fail

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 77.8697, 86.9804, 107.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

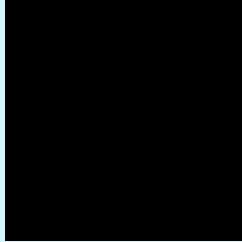
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8697, 86.9804, 107.2925

Background



This preview shows how black text looks on a background with the XYZ color 77.8697, 86.9804, 107.2925.

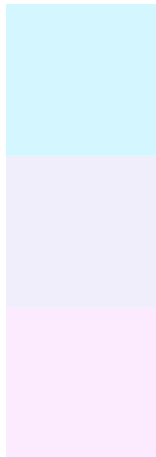


This preview shows how white text looks on a background with the XYZ color 77.8697, 86.9804,

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

77.8697, 86.9804, 107.2925

Protanopia

83.7650, 86.5765, 102.7385

Deuteranopia

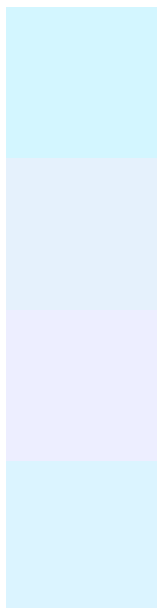
87.6177, 86.7611, 106.7364



Tritanopia

80.5320, 87.0092, 107.1577

Trichromacy



Original Color

77.8697, 86.9804, 107.2925

Protanomaly

81.3391, 86.5969, 104.5233

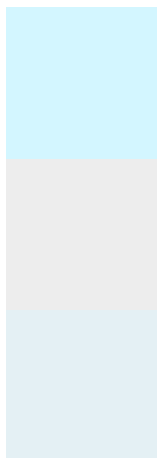
Deuteranomaly

83.5496, 86.3736, 106.8760

Tritanomaly

79.6141, 86.9814, 107.2007

Monochromacy



Original Color

77.8697, 86.9804, 107.2925

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.4841, 85.3458, 97.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8697, 86.9804, 107.2925 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(211, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.8697, 86.9804, 107.2925 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(211, 246, 255) }
```


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

```
.border{ border-color:rgb(211, 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(211, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8697, 86.9804, 107.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 246, 255) }
```

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

```
.background{ background-color: rgb(211,  
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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