

Converting Colors

XYZ(76.4770, 84.2993,
106.8484)

Have a look what the booklet for
XYZ(76.4770, 84.2993, 106.8484)
contains.

XYZ(76.6661, 84.5731, 106.8913)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.6661, 84.5731,
106.8913)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F2FF
RGB	211, 242, 255
RGB Percent	83%, 95%, 100%
CMY	0.1725, 0.0510, 0.0000
CMYK	0.17, 0.05, 0.00, 0.00
HSL	198°, 100%, 91%
HSV	198°, 17%, 100%
XYZ	76.6661, 84.5731, 106.8913
YIQ	234.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

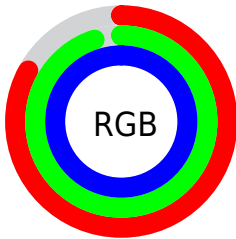
Format	Color
R _Y B	211, 229, 255
Decimal	13890303
CIE Lab	93.70, -7.41, -9.64
CIE LCh	94, 12.154, 232.459
Yxy	84.5731, 0.2859, 0.3154
Android (android.graphics.Color)	4292080383 (0xFFD3F2FF)
YUV	234.2130, 10.2480, -20.3578
Hunter-Lab	91.9636, -12.1286, -4.5395

Details

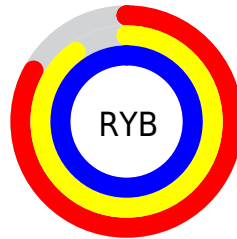
The XYZ color **76.6661, 84.5731, 106.8913** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6532, 79.2733, 72.7329**, and the grayscale version is **78.3070, 82.3851, 89.7173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4622, 46.2629, 60.1704** is the 20% darker color. If you saturate the color by 10%, you get **67.7368, 76.7124, 105.8446**, and if you desaturate by 10%, it is **86.8510, 93.2226, 108.0240**.

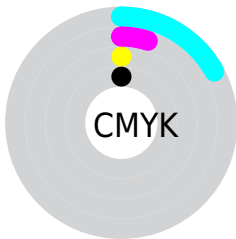
Distribution



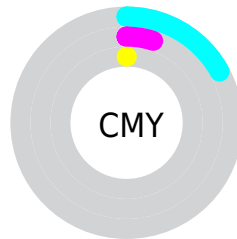
- Red (83%)
- Green (95%)
- Blue (100%)



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



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6661, 84.5731, 106.8913 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 76.6661, 84.5731, 106.8913 by changing the saturation by 10% instead.

76.6661, 84.5731,
106.8913

76.6661, 84.5731,
106.8913

472.5342,
510.2144, 603.5024

57.2778, 63.4887,
81.4192

127.6434,
139.7766, 172.7298

41.4694, 46.2367,
60.3539

159.9631,
174.6644, 213.9333

28.8753, 32.4326,
43.2768

197.3241,
214.9223, 261.2178

19.1303, 21.6922,
29.7694

240.0916,
260.9344, 315.0016

11.8690, 13.6309,
19.4130

288.6310,
313.0853, 375.7035

6.7261, 7.8644,
11.7893

343.3077,

3.3362, 4.0083,

371.7594, 443.7419

6.4796

404.4870,
437.3409, 519.5354

■ 1.3340, 1.6782,
3.0654

■ 0.2084, 0.4095,
1.1281

■ 76.6661, 84.5731,
106.8913

■ 76.6661, 84.5731,
106.8913

■ 67.7368, 76.7124,
105.8446

■ 86.8510, 93.2226,
108.0240

■ 60.0008, 69.6001,
104.8795

95.0500, 100.0000,
108.9000

■ 53.4004, 63.2069,
103.9934

■ 47.8701, 57.4975,
103.1828

■ 43.3371, 52.4326,
102.4441

■ 39.7193, 47.9681,
101.7731

■ 36.9200, 44.0523,
101.1648

■ 34.8148, 40.6194,
100.6131

■ 34.3074, 39.7348,
100.4691

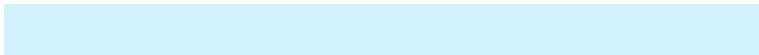
Harmonies

Analogous

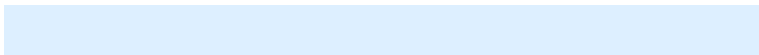
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7908, 84.5731, 99.0355



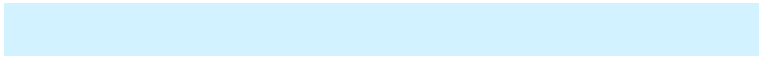
76.6661, 84.5731, 106.8913



79.5735, 84.5731, 110.8294

Triad

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



76.6661, 84.5731, 106.8913



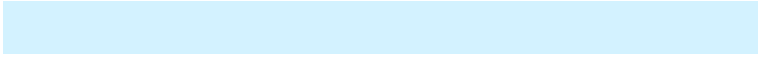
86.6871, 84.5731, 94.4350



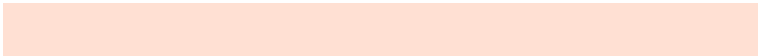
78.0393, 84.5731, 76.6349

Complementary

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



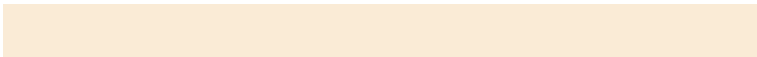
76.6661, 84.5731, 106.8913



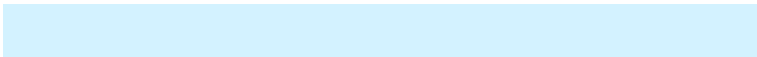
79.6532, 79.2733, 72.7329

Split Complementary

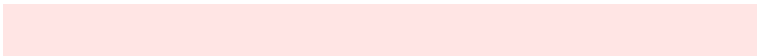
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2004, 84.5731, 75.5843



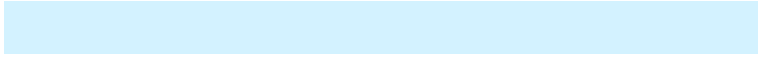
76.6661, 84.5731, 106.8913



86.2498, 84.5731, 85.4690

Square

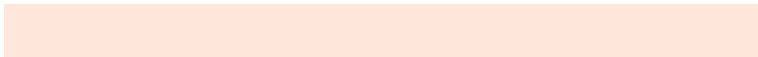
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



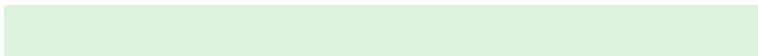
76.6661, 84.5731, 106.8913



85.4000, 84.5731, 103.3317



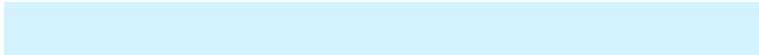
84.2206, 84.5731, 78.7146



75.5687, 84.5731, 81.6869

Rectangle

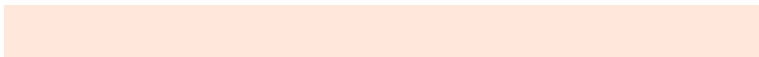
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6661, 84.5731, 106.8913



81.7290, 84.5731, 110.5303



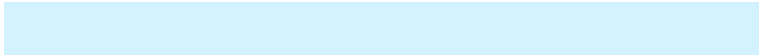
84.2206, 84.5731, 78.7146



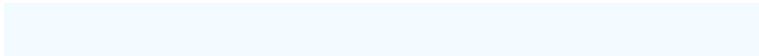
79.0543, 84.5731, 75.8164

Sweetspot

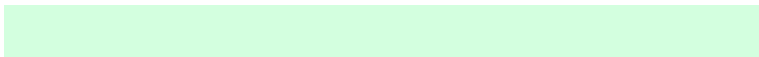
The Sweet Spot groups the original color and five complimentary colors.



76.6683, 84.5765, 106.8918



89.3242, 95.2823, 108.2912



76.0073, 90.7223, 83.6489



18.9525, 20.2559, 23.1608



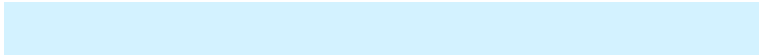
0.0000, 0.0000, 0.0000



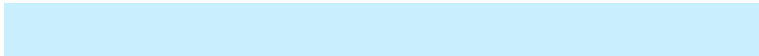
20.3446, 21.4041, 23.3091

Same Dimension

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



76.6683, 84.5765, 106.8918



73.1788, 81.5405, 106.4897



70.6487, 72.5372, 104.8852



18.0752, 19.5220, 23.0654



18.0624, 21.0343, 52.5426



1.8537, 2.2381, 5.1476

Inverse Universe

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



80.5627, 74.2609, 94.0960



77.8388, 69.4863, 91.1132



85.7921, 91.5512, 74.7792



18.5506, 18.2036, 21.5167



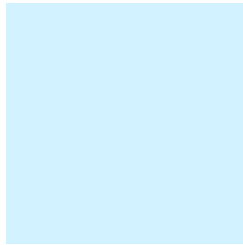
25.9052, 12.8514, 23.9493



2.5703, 1.2705, 2.5844

Previews

White Background



This preview shows how the XYZ color 76.6661, 84.5731, 106.8913 looks on a white background.

Color Contrast Check

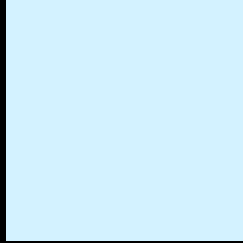
Large Text (above 18pt) WCAG AA × Fail

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 76.6661, 84.5731, 106.8913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

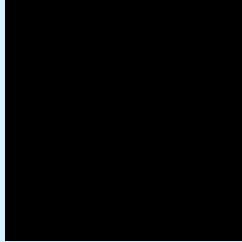
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

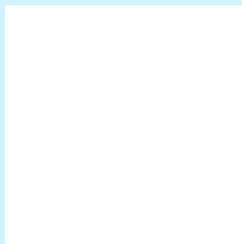
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6661, 84.5731, 106.8913

Background



This preview shows how black text looks on a background with the XYZ color 76.6661, 84.5731, 106.8913.



This preview shows how white text looks on a background with the XYZ color 76.6661, 84.5731,

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

76.6661, 84.5731, 106.8913

Protanopia

82.0460, 84.3862, 103.2307

Deuteranopia

85.3373, 84.3283, 106.3870



Tritanopia

78.1235, 84.4456, 106.7898

Trichromacy



Original Color

76.6661, 84.5731, 106.8913

Protanomaly

80.1401, 84.6713, 104.2148

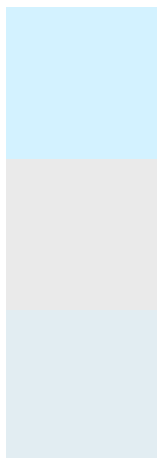
Deuteranomaly

82.0193, 84.2988, 106.5562

Tritanomaly

77.5296, 84.5777, 106.8466

Monochromacy



Original Color

76.6661, 84.5731, 106.8913

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.6752, 83.1479, 95.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6661, 84.5731, 106.8913 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, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 242, 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, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.6661, 84.5731, 106.8913 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, 242, 255) }
```


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

```
.border{ border-color:rgb(211, 242, 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, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6661, 84.5731, 106.8913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 242, 255) }
```

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

```
.background{ background-color: rgb(211,  
242, 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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