

Converting Colors

XYZ(79.2714, 85.9666,
121.4183)

Have a look what the booklet for
XYZ(79.2714, 85.9666, 121.4183)
contains.

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Color

**XYZ(76.6789, 85.0228,
106.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F3FF
RGB	210, 243, 255
RGB Percent	82%, 95%, 100%
CMY	0.1765, 0.0470, 0.0000
CMYK	0.18, 0.05, 0.00, 0.00
HSL	196°, 100%, 91%
HSV	196°, 18%, 100%
XYZ	76.6789, 85.0228, 106.9774
YIQ	234.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

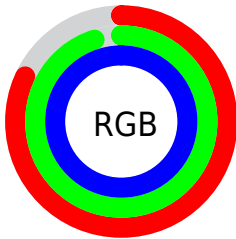
Format	Color
R_{YB}	210, 229, 255
Decimal	13825023
CIE _{Lab}	93.89, -8.22, -9.36
CIE _{LCh}	94, 12.451, 228.710
Yxy	85.0228, 0.2854, 0.3164
Android (android.graphics.Color)	4292015103 (0xFFD2F3FF)
YUV	234.5010, 10.1060, -21.4874
Hunter-Lab	92.2078, -12.9252, -4.2414

Details

The XYZ color **76.6789, 85.0228, 106.9774** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.9938, 78.1545, 71.8963**, and the grayscale version is **78.5268, 82.6163, 89.9692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4809, 46.5864, 60.2319** is the 20% darker color. If you saturate the color by 10%, you get **67.9930, 77.5830, 105.9991**, and if you desaturate by 10%, it is **86.6014, 93.2164, 108.0359**.

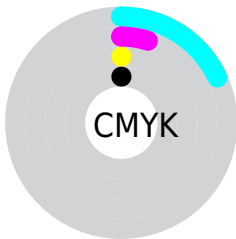
Distribution



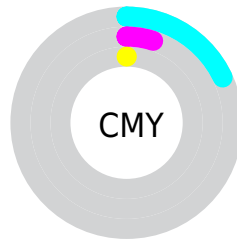
- Red (82%)
- Green (95%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6789, 85.0228, 106.9774 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 76.6789, 85.0228, 106.9774 by changing the saturation by 10% instead.

■ 76.6789, 85.0228,
106.9774

■ 76.6789, 85.0228,
106.9774

472.5773,
511.7035, 603.7754

■ 57.2884, 63.8602,
81.4911

127.6614,
140.4050, 172.8484

■ 41.4779, 46.5375,
60.4127

159.9840,
175.3935, 214.0701

■ 28.8820, 32.6702,
43.3239

197.3481,
215.7593, 261.3740

■ 19.1354, 21.8739,
29.8061

240.1190,
261.8870, 315.1786

■ 11.8727, 13.7643,
19.4406

288.6619,
314.1608, 375.9025

■ 6.7287, 7.9569,
11.8091

343.3424,

■ 3.3378, 4.0674,

372.9653, 443.9643

6.4929

404.5258,
438.6847, 519.7824

■ 1.3348, 1.7113,
3.0734

■ 0.2091, 0.4310,
1.1322

■ 76.6789, 85.0228,
106.9774

■ 76.6789, 85.0228,
106.9774

■ 67.9930, 77.5830,
105.9991

■ 86.6014, 93.2164,
108.0359

■ 60.4815, 70.8570,
105.0968

95.0500, 100.0000,
108.9000

■ 54.0866, 64.8160,
104.2678

■ 48.7431, 59.4253,
103.5089

■ 44.3783, 54.6459,
102.8165

■ 40.9096, 50.4343,
102.1864

■ 38.2402, 46.7389,
101.6138

■ 36.2421, 43.4927,
101.0925

■ 35.8256, 42.7712,
100.9752

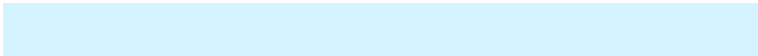
Harmonies

Analogous

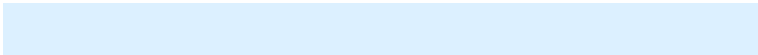
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9246, 85.0228, 98.5543



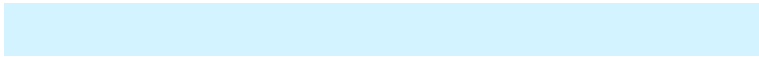
76.6789, 85.0228, 106.9774



79.5704, 85.0228, 111.6518

Triad

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



76.6789, 85.0228, 106.9774



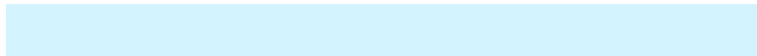
87.2236, 85.0228, 96.1947



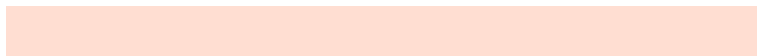
78.7845, 85.0228, 76.3422

Complementary

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



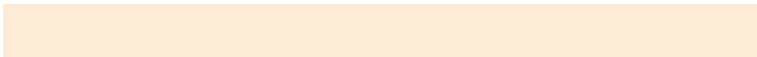
76.6789, 85.0228, 106.9774



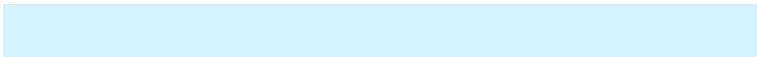
78.9938, 78.1545, 71.8963

Split Complementary

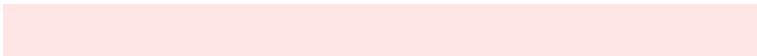
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0657, 85.0228, 75.8059



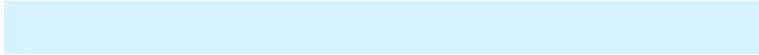
76.6789, 85.0228, 106.9774



86.9992, 85.0228, 86.8433

Square

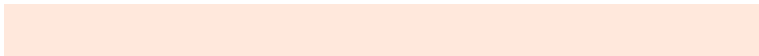
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6789, 85.0228, 106.9774



85.6953, 85.0228, 105.1487



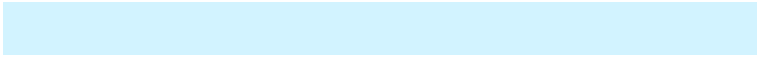
85.0902, 85.0228, 79.5277



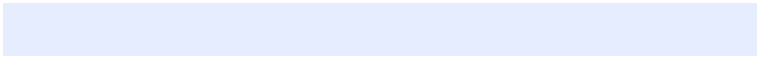
76.1171, 85.0228, 81.0466

Rectangle

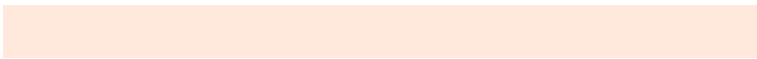
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6789, 85.0228, 106.9774



81.7805, 85.0228, 111.8135



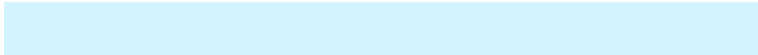
85.0902, 85.0228, 79.5277



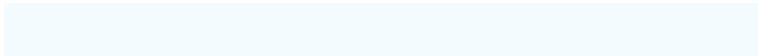
79.8504, 85.0228, 75.6811

Sweetspot

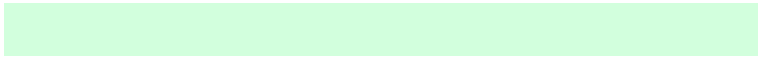
The Sweet Spot groups the original color and five complimentary colors.



76.6811, 85.0262, 106.9779



89.4391, 95.5121, 108.3295



75.4238, 90.4559, 82.0671



18.9805, 20.3119, 23.1702



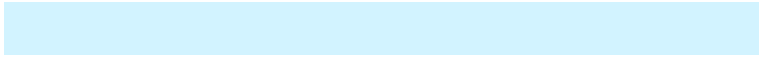
0.0000, 0.0000, 0.0000



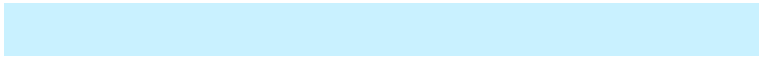
20.3446, 21.4041, 23.3091

Same Dimension

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



76.6811, 85.0262, 106.9779



73.6326, 82.4480, 106.6409



70.5520, 72.7680, 104.9349



18.1212, 19.6140, 23.0807



18.8489, 22.6074, 52.8048



1.9251, 2.3809, 5.1714

Inverse Universe

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



80.4656, 73.8258, 94.8068



78.0679, 69.5779, 92.3193



85.1489, 90.4647, 73.9480



18.5738, 18.2128, 21.6389



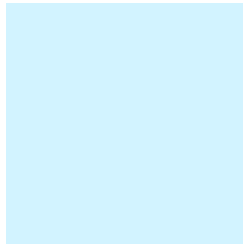
26.3022, 13.0102, 26.0398



2.6063, 1.2849, 2.7743

Previews

White Background



This preview shows how the XYZ color 76.6789, 85.0228, 106.9774 looks on a white background.

Color Contrast Check

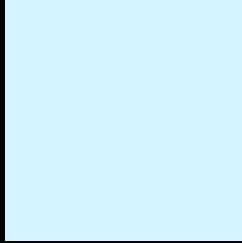
Large Text (above 18pt) WCAG AA × Fail

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 76.6789, 85.0228, 106.9774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

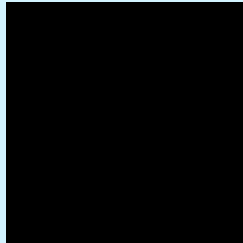
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

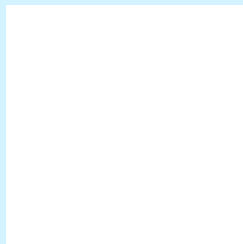
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6789, 85.0228, 106.9774

Background



This preview shows how black text looks on a background with the XYZ color 76.6789, 85.0228, 106.9774.



This preview shows how white text looks on a background with the XYZ color 76.6789, 85.0228,

106.9774.

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

76.6789, 85.0228, 106.9774

Protanopia

82.1758, 84.8976, 102.4982

Deuteranopia

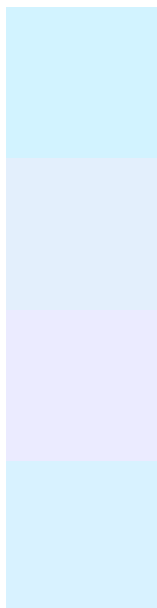
85.6928, 84.5116, 106.4036



Tritanopia

78.7187, 85.1907, 106.9023

Trichromacy



Original Color

76.6789, 85.0228, 106.9774

Protanomaly

80.1157, 85.0922, 104.2973

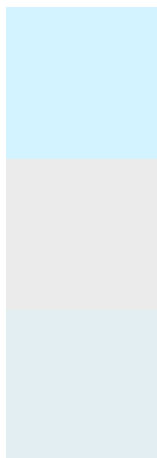
Deuteranomaly

82.0193, 84.2988, 106.5562

Tritanomaly

78.1210, 85.3232, 106.9593

Monochromacy



Original Color

76.6789, 85.0228, 106.9774

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9656, 83.7286, 96.0564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6789, 85.0228, 106.9774 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(210, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.6789, 85.0228, 106.9774 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(210, 243, 255) }
```


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

```
.border{ border-color:rgb(210, 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(210, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6789, 85.0228, 106.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 243, 255) }
```

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

```
.background{ background-color: rgb(210,  
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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