

Converting Colors

XYZ(78.2685, 85.0495,
106.8791)

Have a look what the booklet for
XYZ(78.2685, 85.0495, 106.8791)
contains.

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Color

**XYZ(78.1206, 84.8823,
106.8743)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F1FF
RGB	217, 241, 255
RGB Percent	85%, 95%, 100%
CMY	0.1490, 0.0549, 0.0000
CMYK	0.15, 0.05, 0.00, 0.00
HSL	202°, 100%, 93%
HSV	202°, 15%, 100%
XYZ	78.1206, 84.8823, 106.8743
YIQ	235.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

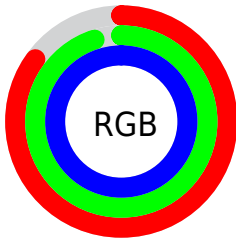
Format	Color
R _Y B	217, 232, 255
Decimal	14283263
CIE Lab	93.83, -5.06, -9.40
CIE LCh	94, 10.670, 241.715
Yxy	84.8823, 0.2895, 0.3145
Android (android.graphics.Color)	4292473343 (0xFFD9F1FF)
YUV	235.4200, 9.6529, -16.1543
Hunter-Lab	92.1316, -9.8758, -4.2854

Details

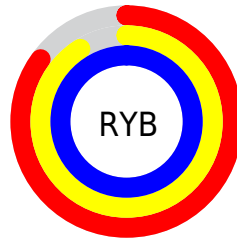
The XYZ color **78.1206, 84.8823, 106.8743** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.3399, 83.4203, 77.4093**, and the grayscale version is **79.2265, 83.3525, 90.7709**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4423, 46.4565, 60.1561** is the 20% darker color. If you saturate the color by 10%, you get **68.4103, 75.8573, 105.6441**, and if you desaturate by 10%, it is **89.1498, 94.8045, 108.2081**.

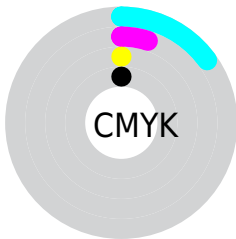
Distribution



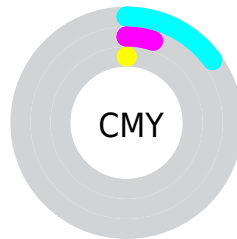
- Red (85%)
- Green (95%)
- Blue (100%)



- Red (85%)
- Yellow (91%)
- Blue (100%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1206, 84.8823, 106.8743 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 78.1206, 84.8823, 106.8743 by changing the saturation by 10% instead.

■ 78.1206, 84.8823,
106.8743

■ 78.1206, 84.8823,
106.8743

477.4099,
511.2385, 603.4485

■ 58.4762, 63.7441,
81.4051

129.6846,
140.2087, 172.7064

■ 42.4363, 46.4435,
60.3423

162.3349,
175.1658, 213.9063

■ 29.6357, 32.5959,
43.2675

200.0511,
215.4979, 261.1869

■ 19.7089, 21.8171,
29.7621

243.1987,
261.5895, 314.9667

■ 12.2907, 13.7225,
19.4076

292.1431,
313.8250, 375.6642

■ 7.0156, 7.9279,
11.7854

347.2495,

■ 3.5183, 4.0489,

372.5887, 443.6980

6.4769

408.8833,
438.2651, 519.4866

■ 1.4334, 1.7009,
3.0638

■ 0.2798, 0.4243,
1.1273

■ 78.1206, 84.8823,
106.8743

■ 78.1206, 84.8823,
106.8743

■ 68.4103, 75.8573,
105.6441

■ 89.1498, 94.8045,
108.2081

■ 59.9565, 67.6874,
104.5127

95.0500, 100.0000,
108.9000

■ 52.7014, 60.3418,
103.4772

■ 46.5799, 53.7837,
102.5340

■ 41.5201, 47.9725,
101.6790

■ 37.4411, 42.8631,
100.9078

■ 34.2489, 38.4035,
100.2152

■ 31.8285, 34.5306,
99.5953

■ 30.8089, 32.7379,
99.3030

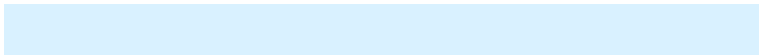
Harmonies

Analogous

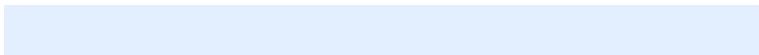
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1259, 84.8823, 100.8812



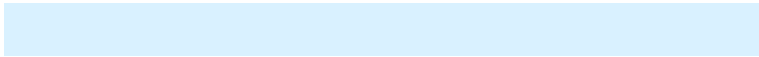
78.1206, 84.8823, 106.8743



80.8415, 84.8823, 108.9348

Triad

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



78.1206, 84.8823, 106.8743



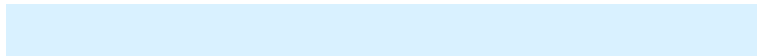
86.2546, 84.8823, 91.9556



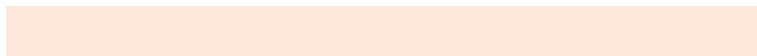
77.8441, 84.8823, 79.7589

Complementary

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



78.1206, 84.8823, 106.8743



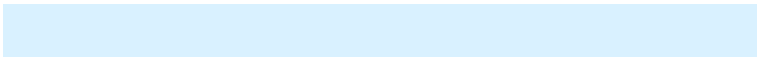
82.3399, 83.4203, 77.4093

Split Complementary

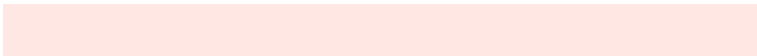
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5149, 84.8823, 77.6691



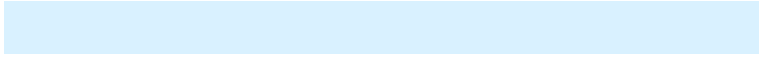
78.1206, 84.8823, 106.8743



85.4082, 84.8823, 84.4502

Square

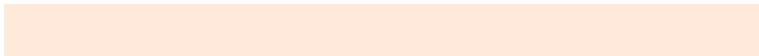
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1206, 84.8823, 106.8743



85.5779, 84.8823, 100.0250



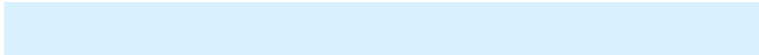
83.2908, 84.8823, 79.3358



75.9689, 84.8823, 85.2151

Rectangle

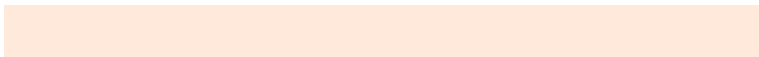
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1206, 84.8823, 106.8743



82.7133, 84.8823, 107.7101



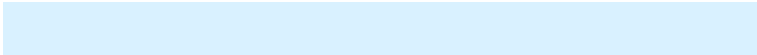
83.2908, 84.8823, 79.3358



78.6765, 84.8823, 78.6543

Sweetspot

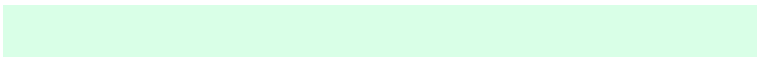
The Sweet Spot groups the original color and five complimentary colors.



78.1228, 84.8857, 106.8748



90.2097, 95.7429, 108.3334



78.7906, 92.0380, 89.1655



19.1190, 20.3251, 23.1654



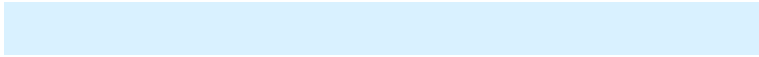
0.0000, 0.0000, 0.0000



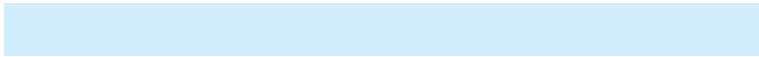
20.3446, 21.4041, 23.3091

Same Dimension

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



78.1228, 84.8857, 106.8748



74.9749, 81.9940, 106.4826



72.8056, 74.2513, 105.1024



17.9595, 19.2906, 23.0268



16.2459, 17.4013, 51.9371



1.6862, 1.9032, 5.0917

Inverse Universe

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



81.9315, 77.2382, 93.8133



79.5115, 73.0886, 90.8785



87.9297, 94.5999, 79.2726



18.4922, 18.1802, 21.2091



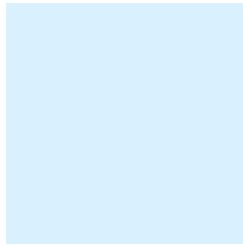
24.9884, 12.4846, 19.1210



2.4857, 1.2367, 2.1393

Previews

White Background



This preview shows how the XYZ color 78.1206, 84.8823, 106.8743 looks on a white background.

Color Contrast Check

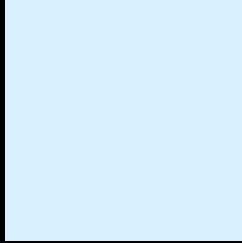
Large Text (above 18pt) WCAG AA × Fail

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 78.1206, 84.8823, 106.8743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

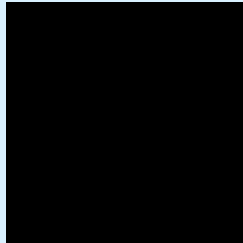
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

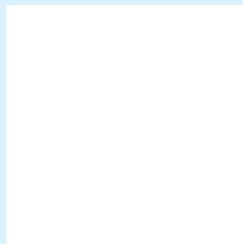
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1206, 84.8823, 106.8743

Background



This preview shows how black text looks on a background with the XYZ color 78.1206, 84.8823, 106.8743.



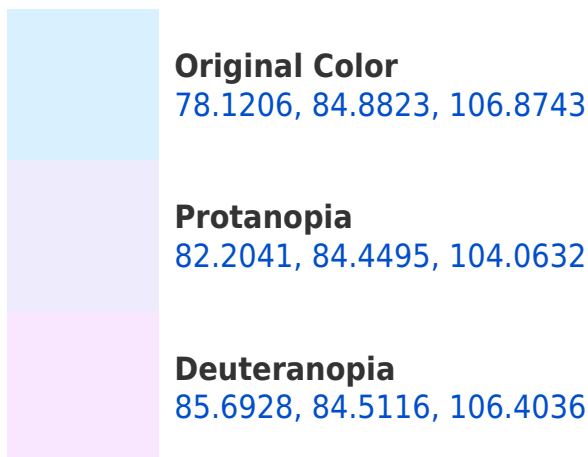
This preview shows how white text looks on a background with the XYZ color 78.1206, 84.8823,

106.8743.

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

79.3343, 85.0698, 106.8465

Trichromacy



Original Color

78.1206, 84.8823, 106.8743

Protanomaly

80.6469, 84.4832, 104.9848

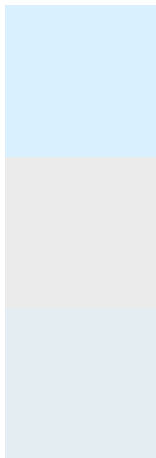
Deuteranomaly

82.6834, 84.6412, 106.5872

Tritanomaly

78.7253, 84.7558, 106.8180

Monochromacy



Original Color

78.1206, 84.8823, 106.8743

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.3061, 83.4732, 95.9892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1206, 84.8823, 106.8743 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(217, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 241, 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(217, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.1206, 84.8823, 106.8743 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(217, 241, 255) }
```


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

```
.border{ border-color:rgb(217, 241, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1206, 84.8823, 106.8743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 241, 255) }
```

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

```
.background{ background-color: rgb(217,  
241, 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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