

Converting Colors

XYZ(79.0265, 84.4540,
106.7438)

Have a look what the booklet for
XYZ(79.0265, 84.4540, 106.7438)
contains.

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Color

**XYZ(79.0407, 84.4826,
106.7486)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEFFF
RGB	222, 239, 255
RGB Percent	87%, 94%, 100%
CMY	0.1294, 0.0627, 0.0000
CMYK	0.13, 0.06, 0.00, 0.00
HSL	209°, 100%, 94%
HSV	209°, 13%, 100%
XYZ	79.0407, 84.4826, 106.7486
YIQ	235.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

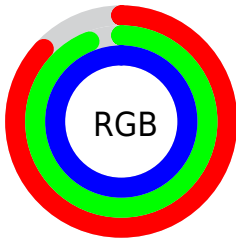
Format	Color
R _Y B	222, 233, 255
Decimal	14610431
CIE Lab	93.66, -2.48, -9.62
CIE LCh	94, 9.931, 255.536
Yxy	84.4826, 0.2924, 0.3126
Android (android.graphics.Color)	4292800511 (0xFFDEEFFF)
YUV	235.7410, 9.4947, -12.0509
Hunter-Lab	91.9144, -7.3513, -4.5188

Details

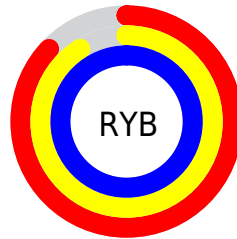
The XYZ color **79.0407, 84.4826, 106.7486** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.9988, 87.6814, 81.5532**, and the grayscale version is **79.4708, 83.6094, 91.0507**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0629, 46.1597, 60.0661** is the 20% darker color. If you saturate the color by 10%, you get **68.3179, 73.7673, 105.2455**, and if you desaturate by 10%, it is **91.1967, 96.3087, 108.3906**.

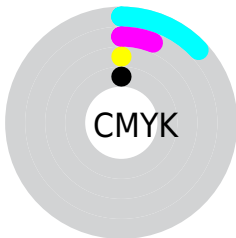
Distribution



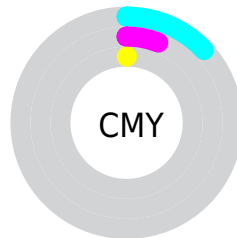
- Red (87%)
- Green (94%)
- Blue (100%)



- Red (87%)
- Yellow (91%)
- Blue (100%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0407, 84.4826, 106.7486 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 79.0407, 84.4826, 106.7486 by changing the saturation by 10% instead.

■ 79.0407, 84.4826,
106.7486

■ 79.0407, 84.4826,
106.7486

480.4799,
509.9144, 603.0499

■ 59.2350, 63.4140,
81.3002

130.9738,
139.6501, 172.5333

■ 43.0494, 46.1762,
60.2564

163.8319,
174.5177, 213.7067

■ 30.1186, 32.3849,
43.1987

201.7715,
214.7537, 260.9588

■ 20.0771, 21.6556,
29.7085

245.1580,
260.7426, 314.7083

■ 12.5597, 13.6041,
19.3673

294.3568,
312.8687, 375.3736

■ 7.2010, 7.8458,
11.7565

349.7331,

■ 3.6356, 3.9965,

371.5165, 443.3732

6.4576

411.6524,
437.0703, 519.1258

■ 1.4981, 1.6716,
3.0520

■ 0.3245, 0.4052,
1.1212

■ 79.0407, 84.4826,
106.7486

■ 79.0407, 84.4826,
106.7486

■ 68.3179, 73.7673,
105.2455

■ 91.1967, 96.3087,
108.3906

■ 58.9637, 64.1153,
103.8755

95.0500, 100.0000,
108.9000

■ 50.9184, 55.4908,
102.6348

■ 44.1151, 47.8513,
101.5188

■ 38.4800, 41.1508,
100.5225

■ 33.9311, 35.3387,
99.6404

■ 30.3741, 30.3578,
98.8665

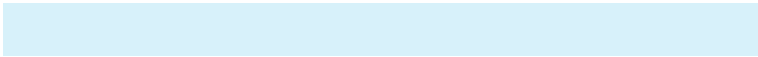
■ 27.6953, 26.1403,
98.1936

■ 26.2195, 23.5590,
97.7732

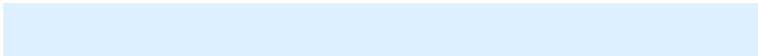
Harmonies

Analogous

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



76.8050, 84.4826, 102.7248



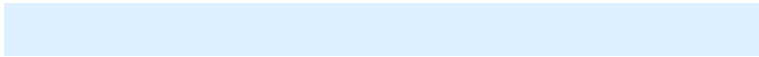
79.0407, 84.4826, 106.7486



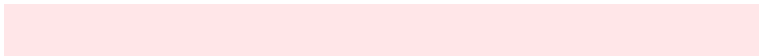
81.6615, 84.4826, 106.6710

Triad

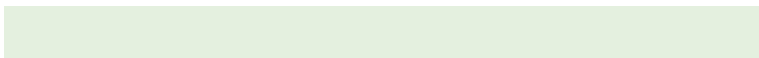
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0407, 84.4826, 106.7486



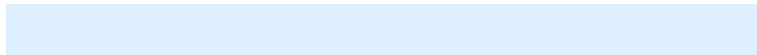
85.2738, 84.4826, 88.1591



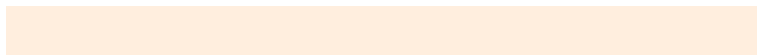
76.7399, 84.4826, 82.2032

Complementary

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



79.0407, 84.4826, 106.7486



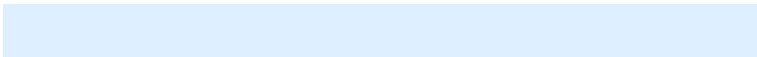
84.9988, 87.6814, 81.5532

Split Complementary

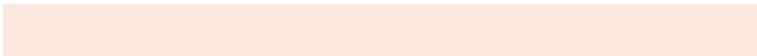
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9501, 84.4826, 78.7168



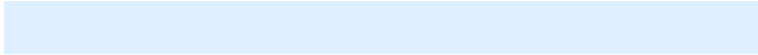
79.0407, 84.4826, 106.7486



83.8957, 84.4826, 82.0252

Square

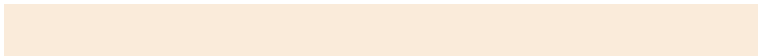
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0407, 84.4826, 106.7486



85.2993, 84.4826, 95.6552



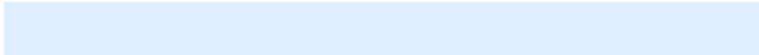
81.5689, 84.4826, 78.6535



75.4964, 84.4826, 88.4142

Rectangle

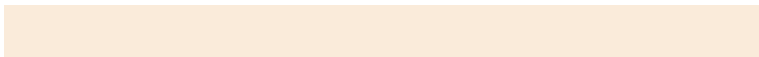
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0407, 84.4826, 106.7486



83.2759, 84.4826, 104.2936



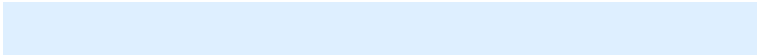
81.5689, 84.4826, 78.6535



77.3923, 84.4826, 80.6890

Sweetspot

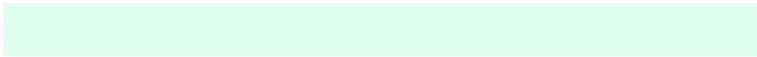
The Sweet Spot groups the original color and five complimentary colors.



79.0429, 84.4860, 106.7492



89.8394, 95.0024, 108.2100



81.3104, 93.2201, 94.5591



19.0253, 20.1376, 23.1342



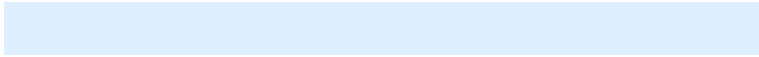
0.0000, 0.0000, 0.0000



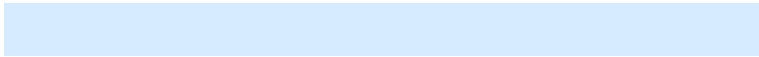
20.3446, 21.4041, 23.3091

Same Dimension

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



79.0429, 84.4860, 106.7492



75.6123, 81.0908, 106.2746



74.4431, 75.2864, 105.2159



17.7771, 18.9259, 22.9661



13.8505, 12.6106, 51.1387



1.4580, 1.4467, 5.0157

Inverse Universe

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



82.9426, 79.7361, 92.6845



80.3649, 75.4655, 89.0971



90.0099, 97.7037, 83.2235



18.4002, 18.1434, 20.7244



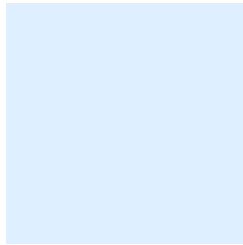
23.7793, 12.0010, 12.7541



2.3705, 1.1906, 1.5326

Previews

White Background



This preview shows how the XYZ color 79.0407, 84.4826, 106.7486 looks on a white background.

Color Contrast Check

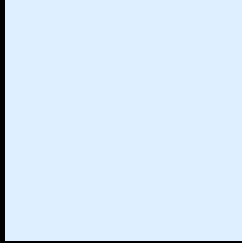
Large Text (above 18pt) WCAG AA × Fail

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 79.0407, 84.4826, 106.7486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

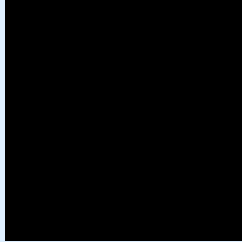
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

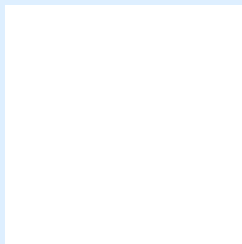
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0407, 84.4826, 106.7486

Background



This preview shows how black text looks on a background with the XYZ color 79.0407, 84.4826, 106.7486.



This preview shows how white text looks on a background with the XYZ color 79.0407, 84.4826,

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

79.0407, 84.4826, 106.7486

Protanopia

82.0300, 84.3414, 104.8846

Deuteranopia

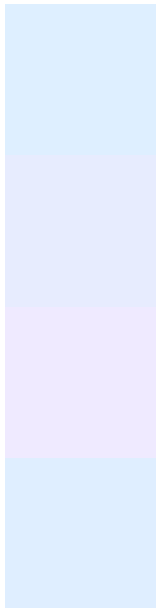
85.6928, 84.5116, 106.4036



Tritanopia

79.3650, 84.2164, 106.6801

Trichromacy



Original Color

79.0407, 84.4826, 106.7486

Protanomaly

80.8398, 84.1356, 105.7450

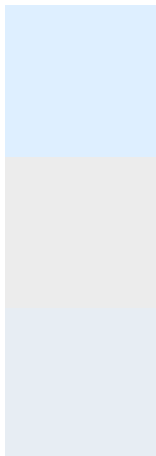
Deuteranomaly

83.0694, 84.4164, 106.5235

Tritanomaly

79.0560, 84.0570, 106.6657

Monochromacy



Original Color

79.0407, 84.4826, 106.7486

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.4168, 84.0284, 96.8274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0407, 84.4826, 106.7486 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(222, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 239, 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(222, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.0407, 84.4826, 106.7486 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(222, 239, 255) }
```


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

```
.border{ border-color:rgb(222, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 239, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 239, 255); box-shadow:4px 4px 4px 4px rgb(222, 239, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0407, 84.4826, 106.7486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 239, 255) }
```

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

```
.background{ background-color: rgb(222,  
239, 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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