

Converting Colors

XYZ(79.9592, 84.4710,
106.6980)

Have a look what the booklet for
XYZ(79.9592, 84.4710, 106.6980)
contains.

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Color

**XYZ(79.9886, 84.5378,
106.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EEFF
RGB	226, 238, 255
RGB Percent	89%, 93%, 100%
CMY	0.1137, 0.0666, 0.0000
CMYK	0.11, 0.07, 0.00, 0.00
HSL	215°, 100%, 94%
HSV	215°, 11%, 100%
XYZ	79.9886, 84.5378, 106.7093
YIQ	236.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

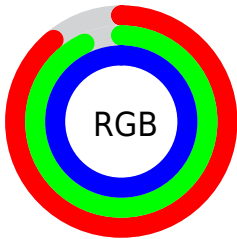
Format	Color
R _Y B	226, 234, 255
Decimal	14872319
CIE Lab	93.68, -0.71, -9.55
CIE LCh	94, 9.577, 265.742
Yxy	84.5378, 0.2949, 0.3117
Android (android.graphics.Color)	4293062399 (0xFFE2EEFF)
YUV	236.3500, 9.1945, -9.0769
Hunter-Lab	91.9444, -5.6137, -4.4500

Details

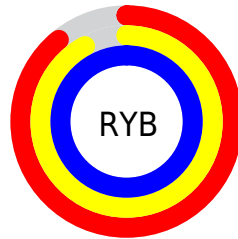
The XYZ color **79.9886, 84.5378, 106.7093** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.0176, 90.8506, 84.9029**, and the grayscale version is **79.9375, 84.1005, 91.5855**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7156, 46.1910, 60.0378** is the 20% darker color. If you saturate the color by 10%, you get **68.4076, 72.3762, 104.9723**, and if you desaturate by 10%, it is **93.1245, 98.0418, 108.6235**.

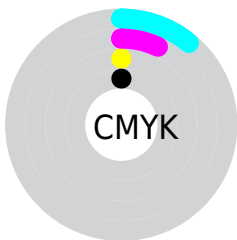
Distribution



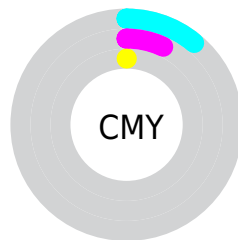
- Red (89%)
- Green (93%)
- Blue (100%)



- Red (89%)
- Yellow (92%)
- Blue (100%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9886, 84.5378, 106.7093 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 79.9886, 84.5378, 106.7093 by changing the saturation by 10% instead.

■ 79.9886, 84.5378,
106.7093

■ 79.9886, 84.5378,
106.7093

483.6315,
510.0974, 602.9252

■ 60.0174, 63.4595,
81.2675

132.3003,
139.7272, 172.4792

■ 43.6822, 46.2131,
60.2296

165.3715,
174.6072, 213.6443

■ 30.6176, 32.4140,
43.1772

203.5402,
214.8565, 260.8875

■ 20.4582, 21.6779,
29.6918

247.1715,
260.8596, 314.6275

■ 12.8387, 13.6204,
19.3547

296.6310,
313.0009, 375.2827

■ 7.3938, 7.8571,
11.7474

352.2839,

■ 3.7581, 4.0037,

371.6646, 443.2717

6.4515

414.4956,
437.2354, 519.0130

■ 1.5662, 1.6756,
3.0483

■ 0.3702, 0.4078,
1.1194

■ 79.9886, 84.5378,
106.7093

■ 79.9886, 84.5378,
106.7093

■ 68.4076, 72.3762,
104.9723

■ 93.1245, 98.0418,
108.6235

■ 58.3137, 61.5022,
103.4054

95.0500, 100.0000,
108.9000

■ 49.6439, 51.8722,
102.0036

■ 42.3278, 43.4358,
100.7608

■ 36.2884, 36.1388,
99.6706

■ 31.4404, 29.9218,
98.7261

■ 27.6867, 24.7185,
97.9196

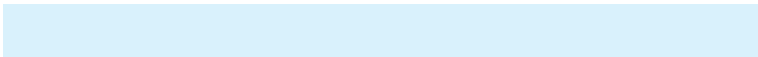
■ 24.9120, 20.4526,
97.2425

■ 23.1578, 17.4356,
96.7526

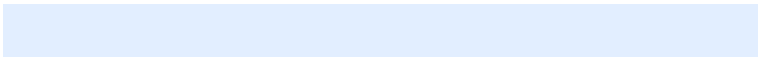
Harmonies

Analogous

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



77.6331, 84.5378, 104.0961



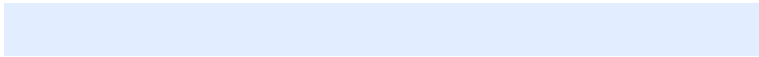
79.9886, 84.5378, 106.7093



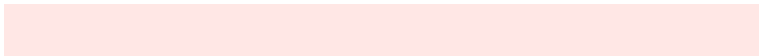
82.4901, 84.5378, 105.2273

Triad

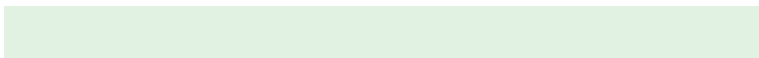
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9886, 84.5378, 106.7093



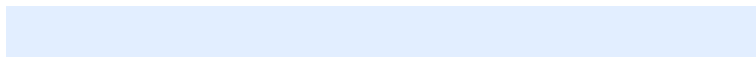
84.8298, 84.5378, 86.1063



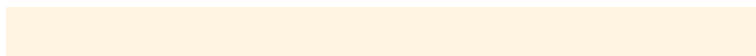
76.3820, 84.5378, 84.3974

Complementary

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



79.9886, 84.5378, 106.7093



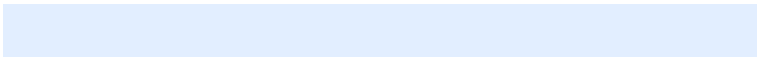
87.0176, 90.8506, 84.9029

Split Complementary

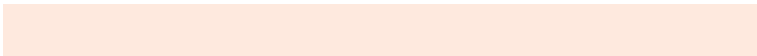
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2485, 84.5378, 80.0165



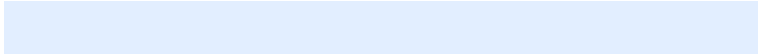
79.9886, 84.5378, 106.7093



83.1309, 84.5378, 80.9661

Square

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



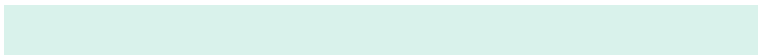
79.9886, 84.5378, 106.7093



85.3192, 84.5378, 93.0896



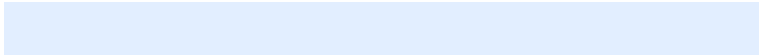
80.7138, 84.5378, 78.7939



75.5789, 84.5378, 91.0128

Rectangle

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



79.9886, 84.5378, 106.7093



83.8988, 84.5378, 102.1560



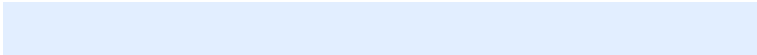
80.7138, 84.5378, 78.7939



76.9040, 84.5378, 82.6285

Sweetspot

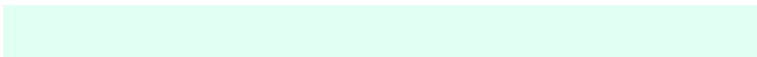
The Sweet Spot groups the original color and five complimentary colors.



79.9908, 84.5412, 106.7099



90.8777, 95.7505, 108.2997



83.2900, 94.1552, 98.5128



19.2181, 20.2559, 23.1468



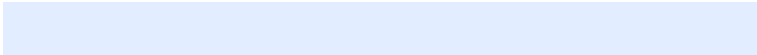
0.0000, 0.0000, 0.0000



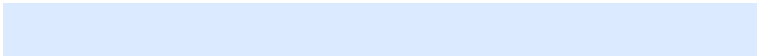
20.3446, 21.4041, 23.3091

Same Dimension

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



79.9908, 84.5412, 106.7099



76.7985, 81.2162, 106.2363



77.3750, 78.1766, 105.6192



17.6206, 18.6129, 22.9139



12.2393, 9.3881, 50.6016



1.2964, 1.1234, 4.9618

Inverse Universe

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



83.8704, 81.8274, 92.2667



81.5122, 78.0247, 88.6641



89.8444, 97.8157, 86.0983



18.3212, 18.1118, 20.3084



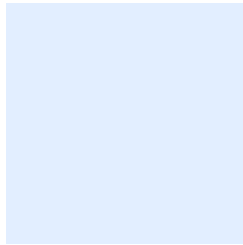
22.9660, 11.6757, 8.4714



2.2889, 1.1580, 1.1030

Previews

White Background



This preview shows how the XYZ color 79.9886, 84.5378, 106.7093 looks on a white background.

Color Contrast Check

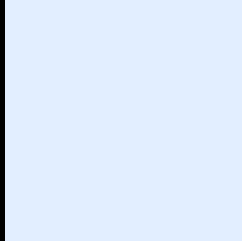
Large Text (above 18pt) WCAG AA × Fail

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 79.9886, 84.5378, 106.7093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

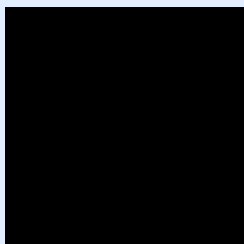
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

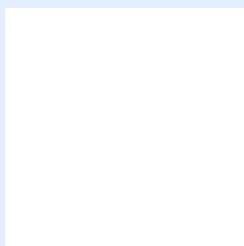
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9886, 84.5378, 106.7093

Background



This preview shows how black text looks on a background with the XYZ color 79.9886, 84.5378, 106.7093.



This preview shows how white text looks on a background with the XYZ color 79.9886, 84.5378,

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

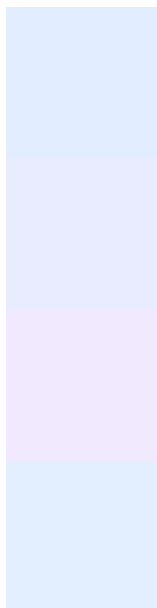




Tritanopia

80.3031, 84.7000, 106.7240

Trichromacy



Original Color

79.9886, 84.5378, 106.7093

Protanomaly

81.1636, 84.3025, 105.7602

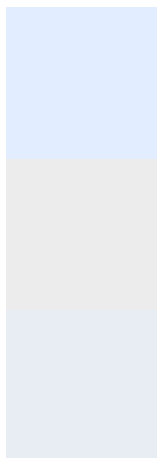
Deuteranomaly

83.7484, 84.7664, 106.5553

Tritanomaly

80.3031, 84.7000, 106.7240

Monochromacy



Original Color

79.9886, 84.5378, 106.7093

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.7406, 84.1952, 96.8425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9886, 84.5378, 106.7093 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(226, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 238, 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(226, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.9886, 84.5378, 106.7093 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(226, 238, 255) }
```


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

```
.border{ border-color:rgb(226, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9886, 84.5378, 106.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 238, 255) }
```

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

```
.background{ background-color: rgb(226,  
238, 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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