

Converting Colors

XYZ(79.4574, 85.6894,
106.9596)

Have a look what the booklet for
XYZ(79.4574, 85.6894, 106.9596)
contains.

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Color

**XYZ(79.3241, 85.5027,
106.9306)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF1FF
RGB	221, 241, 255
RGB Percent	87%, 95%, 100%
CMY	0.1333, 0.0549, 0.0000
CMYK	0.13, 0.05, 0.00, 0.00
HSL	205°, 100%, 93%
HSV	205°, 13%, 100%
XYZ	79.3241, 85.5027, 106.9306
YIQ	236.6160, -16.4140, 0.1140

Conversions

Conversions Part 2

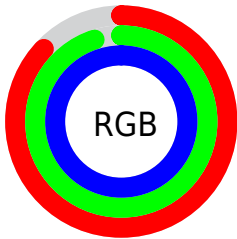
Format	Color
R _Y B	221, 234, 255
Decimal	14545407
CIE Lab	94.10, -3.81, -8.97
CIE LCh	94, 9.748, 246.968
Yxy	85.5027, 0.2919, 0.3146
Android (android.graphics.Color)	4292735487 (0xFFDDDF1FF)
YUV	236.6160, 9.0633, -13.6952
Hunter-Lab	92.4677, -8.6908, -3.8362

Details

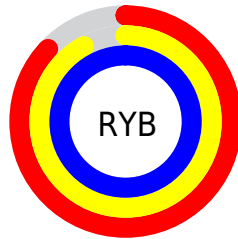
The XYZ color **79.3241, 85.5027, 106.9306** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9990, 85.8957, 80.5606**, and the grayscale version is **80.1446, 84.3184, 91.8227**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2679, 46.8821, 60.1948** is the 20% darker color. If you saturate the color by 10%, you get **69.1242, 75.7660, 105.5888**, and if you desaturate by 10%, it is **90.8868, 96.2123, 108.3883**.

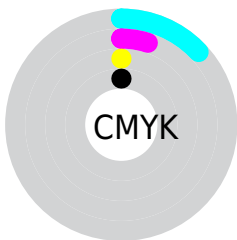
Distribution



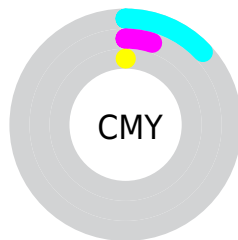
- Red (87%)
- Green (95%)
- Blue (100%)



- Red (87%)
- Yellow (92%)
- Blue (100%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3241, 85.5027, 106.9306 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 79.3241, 85.5027, 106.9306 by changing the saturation by 10% instead.

79.3241, 85.5027,
106.9306

79.3241, 85.5027,
106.9306

481.4234,
513.2900, 603.6270

59.4689, 64.2568,
81.4520

131.3706,
141.0753, 172.7839

43.2385, 46.8587,
60.3808

164.2925,
176.1708, 213.9958

30.2676, 32.9240,
43.2983

202.3007,
216.6517, 261.2891

20.1909, 22.0682,
29.7861

245.7605,
262.9023, 315.0824

12.6429, 13.9070,
19.4256

295.0374,
315.3071, 375.7944

7.2584, 8.0560,
11.7983

350.4966,

3.6720, 4.1308,

374.2503, 443.8434

6.4856

412.5034,
440.1165, 519.6481

■ 1.5183, 1.7470,
3.0690

■ 0.3382, 0.4538,
1.1300

■ 79.3241, 85.5027,
106.9306

■ 79.3241, 85.5027,
106.9306

■ 69.1242, 75.7660,
105.5888

■ 90.8868, 96.2123,
108.3883

■ 60.2242, 66.9586,
104.3579

95.0500, 100.0000,
108.9000

■ 52.5664, 59.0484,
103.2347

■ 46.0855, 51.9970,
102.2152

■ 40.7098, 45.7627,
101.2952

■ 36.3591, 40.2992,
100.4699

■ 32.9409, 35.5537,
99.7341

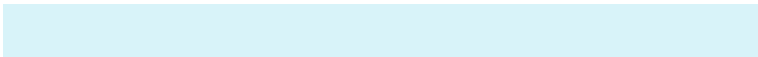
■ 30.3432, 31.4632,
99.0815

■ 28.9612, 29.0425,
98.6871

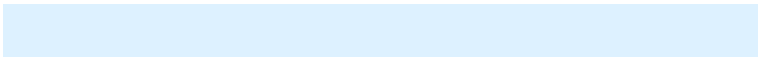
Harmonies

Analogous

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



77.3318, 85.5027, 101.9920



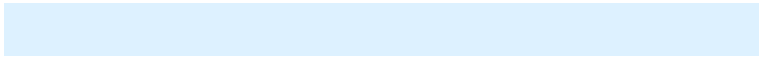
79.3241, 85.5027, 106.9306



81.8768, 85.5027, 108.0724

Triad

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



79.3241, 85.5027, 106.9306



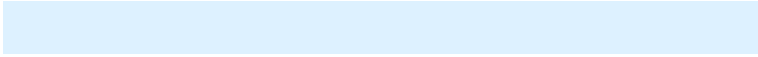
86.3408, 85.5027, 91.3688



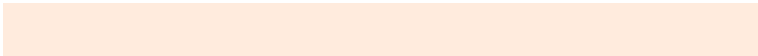
78.2932, 85.5027, 82.1024

Complementary

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



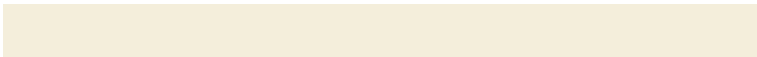
79.3241, 85.5027, 106.9306



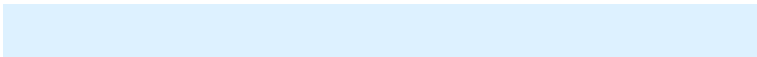
83.9990, 85.8957, 80.5606

Split Complementary

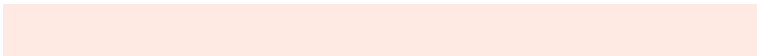
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6617, 85.5027, 79.5748



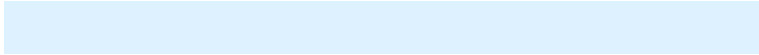
79.3241, 85.5027, 106.9306



85.3350, 85.5027, 84.7365

Square

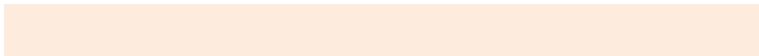
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



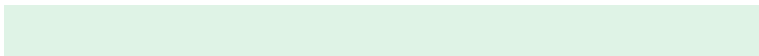
79.3241, 85.5027, 106.9306



85.9642, 85.5027, 98.8229



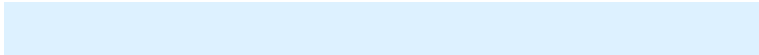
83.2429, 85.5027, 80.5128



76.7456, 85.5027, 87.5984

Rectangle

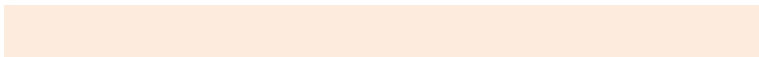
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3241, 85.5027, 106.9306



83.5600, 85.5027, 106.4747



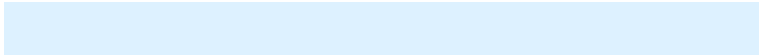
83.2429, 85.5027, 80.5128



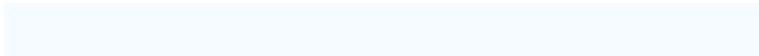
79.0178, 85.5027, 80.8912

Sweetspot

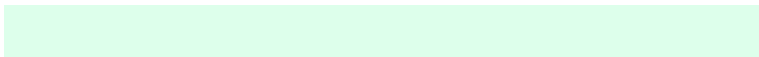
The Sweet Spot groups the original color and five complimentary colors.



79.3264, 85.5062, 106.9311



90.0716, 95.4668, 108.2874



80.5174, 92.8677, 91.9773



19.0840, 20.2552, 23.1537



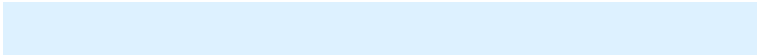
0.0000, 0.0000, 0.0000



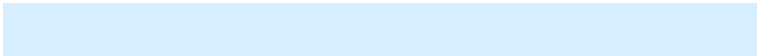
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3264, 85.5062, 106.9311



76.4742, 82.8147, 106.5620



74.6334, 76.1203, 105.3668



17.8913, 19.1542, 23.0041



15.2836, 15.4767, 51.6164



1.5958, 1.7223, 5.0616

Inverse Universe

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



82.9750, 79.3254, 94.1612



80.8000, 75.6395, 91.3881



88.9765, 95.8506, 82.2198



18.4578, 18.1664, 21.0278



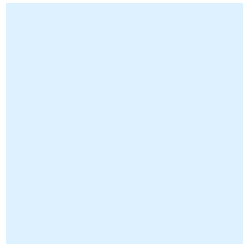
24.5026, 12.2903, 16.5632



2.4401, 1.2184, 1.8989

Previews

White Background



This preview shows how the XYZ color 79.3241, 85.5027, 106.9306 looks on a white background.

Color Contrast Check

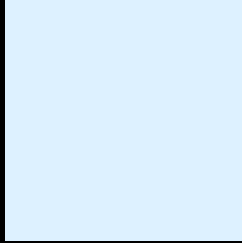
Large Text (above 18pt) WCAG AA × Fail

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 79.3241, 85.5027, 106.9306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

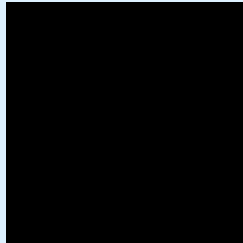
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

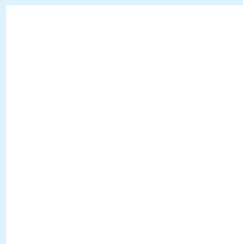
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3241, 85.5027, 106.9306

Background



This preview shows how black text looks on a background with the XYZ color 79.3241, 85.5027, 106.9306.



This preview shows how white text looks on a background with the XYZ color 79.3241, 85.5027,

106.9306.

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

79.3241, 85.5027, 106.9306

Protanopia

82.8260, 85.1963, 104.1746

Deuteranopia

86.3310, 85.2572, 106.5139



Tritanopia

80.2614, 85.5477, 106.8899

Trichromacy



Original Color

79.3241, 85.5027, 106.9306

Protanomaly

81.5829, 85.3967, 105.1118

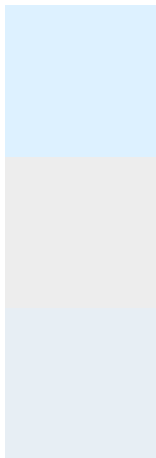
Deuteranomaly

83.3549, 84.9874, 106.6187

Tritanomaly

79.9506, 85.3875, 106.8753

Monochromacy



Original Color

79.3241, 85.5027, 106.9306

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.8587, 84.6696, 97.7218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3241, 85.5027, 106.9306 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(221, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3241, 85.5027, 106.9306 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(221, 241, 255) }
```


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

```
.border{ border-color:rgb(221, 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(221, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3241, 85.5027, 106.9306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 241, 255) }
```

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

```
.background{ background-color: rgb(221,  
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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