

Converting Colors

XYZ(81.9518, 87.3552,
118.9476)

Have a look what the booklet for
XYZ(81.9518, 87.3552, 118.9476)
contains.

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Color

**XYZ(79.9194, 86.6933,
107.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF3FF
RGB	221, 243, 255
RGB Percent	87%, 95%, 100%
CMY	0.1333, 0.0470, 0.0000
CMYK	0.13, 0.05, 0.00, 0.00
HSL	201°, 100%, 93%
HSV	201°, 13%, 100%
XYZ	79.9194, 86.6933, 107.1290
YIQ	237.7900, -16.9640, -0.9320

Conversions

Conversions Part 2

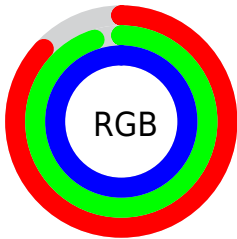
Format	Color
R _Y B	221, 234, 255
Decimal	14545919
CIE Lab	94.61, -4.83, -8.22
CIE LCh	95, 9.532, 239.543
Yxy	86.6933, 0.2920, 0.3167
Android (android.graphics.Color)	4292735999 (0xFFDDDF3FF)
YUV	237.7900, 8.4845, -14.7248
Hunter-Lab	93.1092, -9.7274, -3.0410

Details

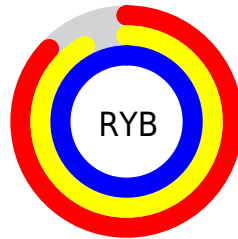
The XYZ color **79.9194, 86.6933, 107.1290** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4296, 84.7569, 80.3709**, and the grayscale version is **81.0534, 85.2745, 92.8640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6893, 47.7249, 60.3352** is the 20% darker color. If you saturate the color by 10%, you get **70.1109, 77.7395, 105.9177**, and if you desaturate by 10%, it is **91.0436, 96.5258, 108.4406**.

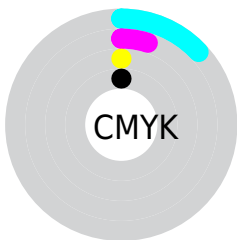
Distribution



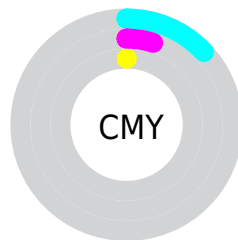
- Red (87%)
- Green (95%)
- Blue (100%)



- 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 79.9194, 86.6933, 107.1290 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 79.9194, 86.6933, 107.1290 by changing the saturation by 10% instead.

79.9194, 86.6933,
107.1290

79.9194, 86.6933,
107.1290

483.4018,
517.2145, 604.2558

59.9603, 65.2414,
81.6175

132.2035,
142.7366, 173.0571

43.6359, 47.6569,
60.5163

165.2592,
178.0968, 214.3108

30.5811, 33.5552,
43.4069

203.4112,
218.8619, 261.6489

20.4303, 22.5521,
29.8708

247.0247,
265.4162, 315.4901

12.8183, 14.2632,
19.4893

296.4652,
318.1443, 376.2529

7.3797, 8.3039,
11.8440

352.0980,

3.7491, 4.2900,

377.4304, 444.3557

6.5163

414.2884,
443.6590, 520.2172

■ 1.5612, 1.8371,
3.0877

■ 0.3669, 0.5101,
1.1396

■ 79.9194, 86.6933,
107.1290

■ 79.9194, 86.6933,
107.1290

■ 70.1109, 77.7395,
105.9177

■ 91.0436, 96.5258,
108.4406

■ 61.5564, 69.6230,
104.8020

95.0500, 100.0000,
108.9000

■ 54.1992, 62.3139,
103.7789

■ 47.9753, 55.7765,
102.8451

■ 42.8142, 49.9713,
101.9966

■ 38.6369, 44.8547,
101.2292

■ 35.3523, 40.3765,
100.5379

■ 32.8499, 36.4766,
99.9171

■ 31.5109, 34.1418,
99.5370

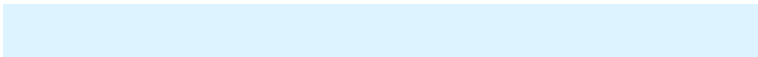
Harmonies

Analogous

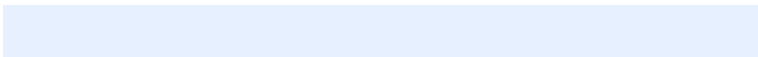
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1739, 86.6933, 101.5470



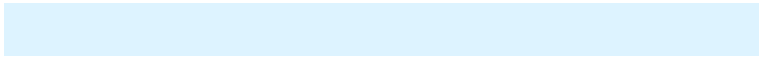
79.9194, 86.6933, 107.1290



82.3599, 86.6933, 109.2678

Triad

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



79.9194, 86.6933, 107.1290



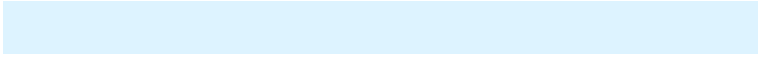
87.4411, 86.6933, 94.5073



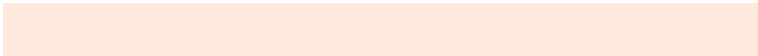
79.9864, 86.6933, 82.6076

Complementary

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



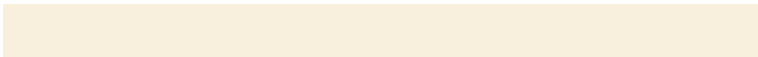
79.9194, 86.6933, 107.1290



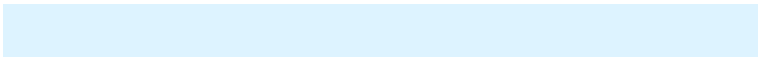
83.4296, 84.7569, 80.3709

Split Complementary

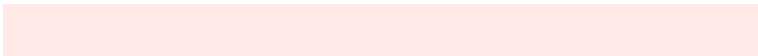
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4388, 86.6933, 80.9357



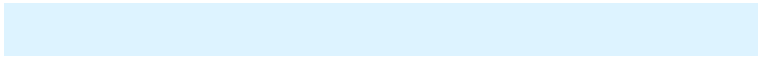
79.9194, 86.6933, 107.1290



86.7744, 86.6933, 87.5856

Square

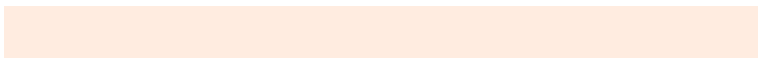
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9194, 86.6933, 107.1290



86.7336, 86.6933, 101.7525



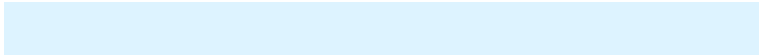
84.9301, 86.6933, 82.7110



78.2120, 86.6933, 87.3996

Rectangle

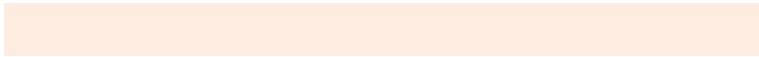
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9194, 86.6933, 107.1290



84.0638, 86.6933, 108.3718



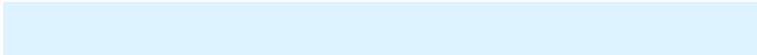
84.9301, 86.6933, 82.7110



80.7571, 86.6933, 81.6735

Sweetspot

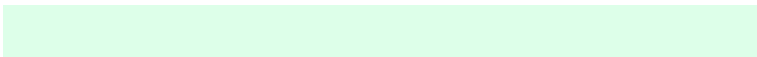
The Sweet Spot groups the original color and five complimentary colors.



79.9217, 86.6968, 107.1296



90.2591, 95.8419, 108.3499



80.2735, 92.7701, 90.6927



19.1315, 20.3502, 23.1696



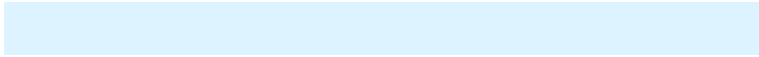
0.0000, 0.0000, 0.0000



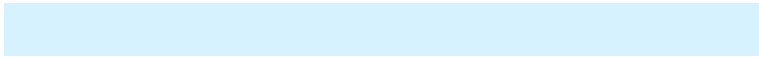
20.3446, 21.4041, 23.3091

Same Dimension

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



79.9217, 86.6968, 107.1296



77.1785, 84.2233, 106.7967



75.0937, 77.0408, 105.5202



17.9840, 19.3396, 23.0350



16.6109, 18.1313, 52.0588



1.7202, 1.9711, 5.1031

Inverse Universe

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



83.2755, 79.4456, 95.7435



81.1555, 75.7817, 93.2601



88.4461, 94.7899, 82.0430



18.5046, 18.1851, 21.2742



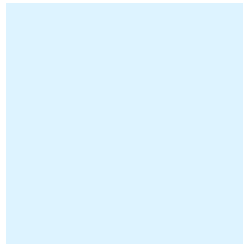
25.1726, 12.5583, 20.0912



2.5029, 1.2435, 2.2296

Previews

White Background



This preview shows how the XYZ color 79.9194, 86.6933, 107.1290 looks on a white background.

Color Contrast Check

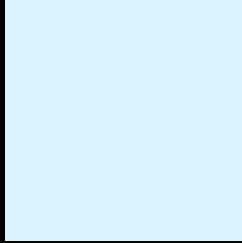
Large Text (above 18pt) WCAG AA × Fail

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 79.9194, 86.6933, 107.1290 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

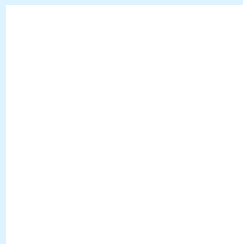
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9194, 86.6933, 107.1290

Background



This preview shows how black text looks on a background with the XYZ color 79.9194, 86.6933, 107.1290.

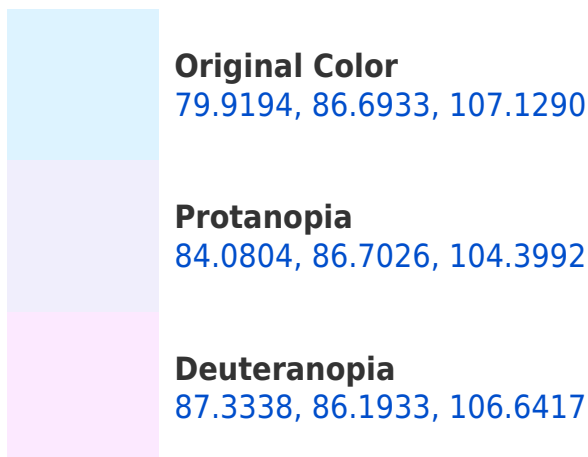


This preview shows how white text looks on a background with the XYZ color 79.9194, 86.6933,

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

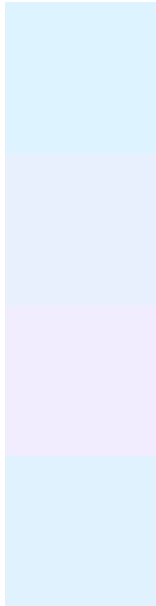




Tritanopia

81.1839, 86.4615, 107.0176

Trichromacy



Original Color

79.9194, 86.6933, 107.1290

Protanomaly

82.4940, 86.7357, 105.3223

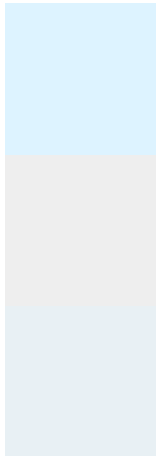
Deuteranomaly

84.6098, 86.4891, 106.8424

Tritanomaly

80.8535, 86.7318, 107.0872

Monochromacy



Original Color

79.9194, 86.6933, 107.1290

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.7679, 86.0076, 97.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9194, 86.6933, 107.1290 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.9194, 86.6933, 107.1290 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, 243, 255) }
```


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

```
.border{ border-color:rgb(221, 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(221, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9194, 86.6933, 107.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 243, 255) }
```

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

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