

Converting Colors

XYZ(79.4894, 88.0540,
101.6149)

Have a look what the booklet for
XYZ(79.4894, 88.0540, 101.6149)
contains.

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Color

**XYZ(79.4142, 87.9045,
101.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF6F8
RGB	220, 246, 248
RGB Percent	86%, 96%, 97%
CMY	0.1372, 0.0353, 0.0274
CMYK	0.11, 0.01, 0.00, 0.03
HSL	184°, 67%, 92%
HSV	184°, 11%, 97%
XYZ	79.4142, 87.9045, 101.5886
YIQ	238.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

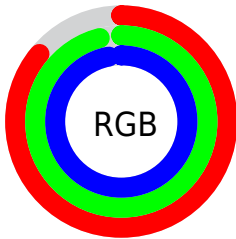
Format	Color
R _Y B	220, 233, 248
Decimal	14481144
CIE Lab	95.12, -8.04, -3.84
CIE LCh	95, 8.910, 205.550
Yxy	87.9045, 0.2953, 0.3269
Android (android.graphics.Color)	4292671224 (0xFFDC6F8)
YUV	238.4540, 4.7062, -16.1842
Hunter-Lab	93.7574, -12.8827, 1.3879

Details

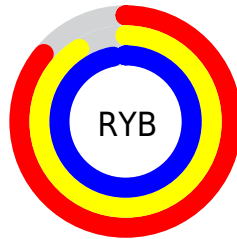
The XYZ color **79.4142, 87.9045, 101.5886** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.7513, 77.3658, 78.5467**, and the grayscale version is **81.5955, 85.8448, 93.4850**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4449, 48.6320, 56.9663** is the 20% darker color. If you saturate the color by 10%, you get **71.9235, 83.2506, 101.0865**, and if you desaturate by 10%, it is **88.0285, 93.1500, 102.1484**.

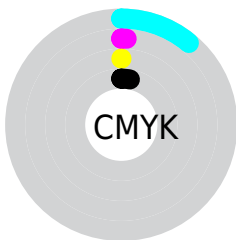
Distribution



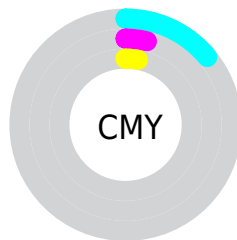
- Red (86%)
- Green (96%)
- Blue (97%)



- Red (86%)
- Yellow (91%)
- Blue (97%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4142, 87.9045, 101.5886 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 79.4142, 87.9045, 101.5886 by changing the saturation by 10% instead.

79.4142, 87.9045,
101.5886

79.4142, 87.9045,
101.5886

481.7231,
521.1904, 586.5641

59.5432, 66.2440,
77.0036

131.4967,
144.4242, 165.4095

43.2986, 48.4705,
56.7443

164.4389,
180.0522, 205.4824

30.3150, 34.1996,
40.3920

202.4689,
221.1047, 251.5552

20.2271, 23.0470,
27.5282

245.9520,
267.9663, 304.0462

12.6694, 14.6282,
17.7344

295.2536,
321.0213, 363.3741

7.2767, 8.5589,
10.5920

350.7391,

3.6836, 4.4546,

380.6540, 429.9573

5.6825

412.7738,
447.2489, 504.2145

■ 1.5248, 1.9310,
2.5873

■ 0.3426, 0.5669,
0.8859

■ 79.4142, 87.9045,
101.5886

■ 79.4142, 87.9045,
101.5886

■ 71.9235, 83.2506,
101.0865

■ 88.0285, 93.1500,
102.1484

■ 65.5000, 79.1521,
100.6340

■ 92.2269, 96.1241,
102.5012

■ 60.0937, 75.5856,
100.2305

■ 92.7776, 97.2255,
102.6848

■ 55.6477, 72.5217,
99.8734

■ 93.3335, 98.3372,
102.8701

■ 52.0994, 69.9280,
99.5598

■ 93.8945, 99.4593,
103.0571

■ 49.3788, 67.7685,
99.2864

■ 93.9435, 99.5574,
103.0734

■ 47.4055, 66.0018,
99.0494

■ 46.0829, 64.5780,
98.8443

■ 45.3295, 63.5494,
98.6854

Harmonies

Analogous

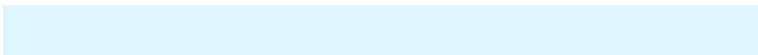
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9878, 87.9045, 94.6808



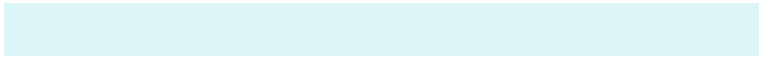
79.4142, 87.9045, 101.5886



80.9407, 87.9045, 107.1521

Triad

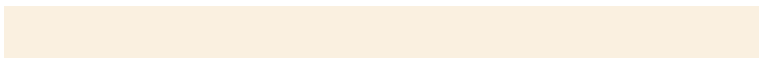
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4142, 87.9045, 101.5886



87.4547, 87.9045, 103.4672



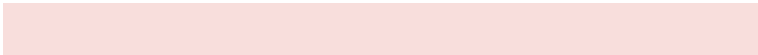
83.9129, 87.9045, 83.0078

Complementary

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



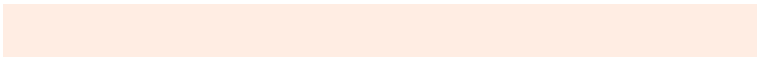
79.4142, 87.9045, 101.5886



77.7513, 77.3658, 78.5467

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.



86.2160, 87.9045, 85.1186



79.4142, 87.9045, 101.5886



88.2858, 87.9045, 96.7528

Square

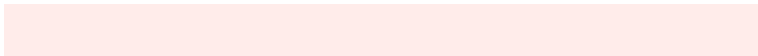
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4142, 87.9045, 101.5886



85.5777, 87.9045, 108.2730



87.8282, 87.9045, 90.0685



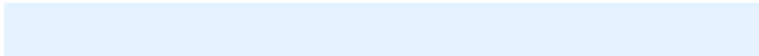
81.5557, 87.9045, 84.1641

Rectangle

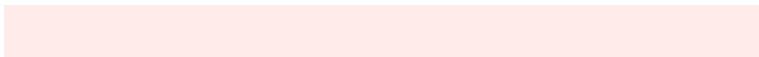
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



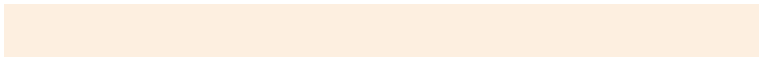
79.4142, 87.9045, 101.5886



82.3925, 87.9045, 109.2349



87.8282, 87.9045, 90.0685



84.7195, 87.9045, 83.3558

Sweetspot

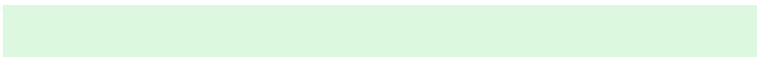
The Sweet Spot groups the original color and five complimentary colors.



79.4167, 87.9082, 101.5906



92.1176, 98.2303, 108.7130



76.2509, 87.6187, 81.9082



19.5532, 20.9262, 23.2585



0.0000, 0.0000, 0.0000



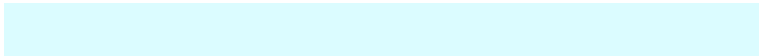
20.3446, 21.4041, 23.3091

Same Dimension

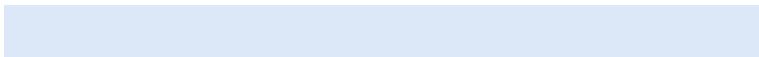
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4167, 87.9082, 101.5906



82.3071, 92.2334, 108.0725



75.3540, 79.7827, 100.2363



17.6537, 19.3842, 22.1964



24.5307, 34.4171, 53.3238



2.3028, 3.2492, 4.9490

Inverse Universe

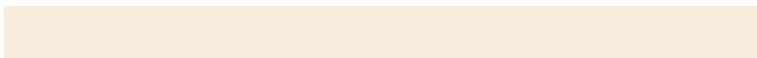
The Inverse Universe completely reimagines the original color for something new.



80.9411, 77.7983, 97.9436



84.2927, 79.1369, 103.3060



81.5881, 85.0394, 79.8256



17.9365, 17.5020, 21.5213



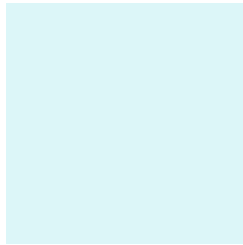
28.6740, 13.8853, 41.8533



2.6713, 1.2922, 3.9582

Previews

White Background



This preview shows how the XYZ color 79.4142, 87.9045, 101.5886 looks on a white background.

Color Contrast Check

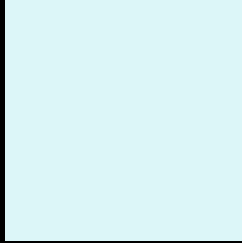
Large Text (above 18pt) WCAG AA × Fail

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 79.4142, 87.9045, 101.5886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

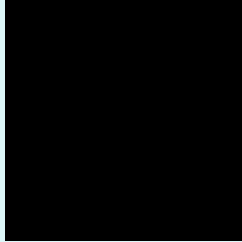
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

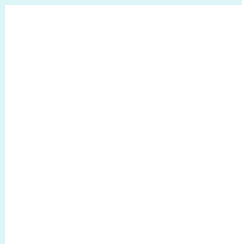
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4142, 87.9045, 101.5886

Background



This preview shows how black text looks on a background with the XYZ color 79.4142, 87.9045, 101.5886.



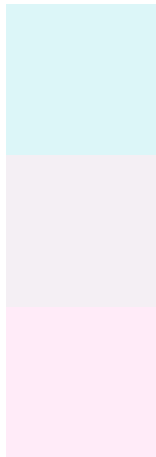
This preview shows how white text looks on a background with the XYZ color 79.4142, 87.9045,

101.5886.

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

79.4142, 87.9045, 101.5886

Protanopia

84.5039, 87.4978, 98.0229

Deuteranopia

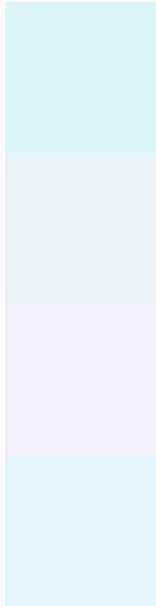
87.8916, 87.4540, 101.0549



Tritanopia

82.7337, 88.1442, 107.2607

Trichromacy



Original Color

79.4142, 87.9045, 101.5886

Protanomaly

82.4945, 87.7590, 98.9775

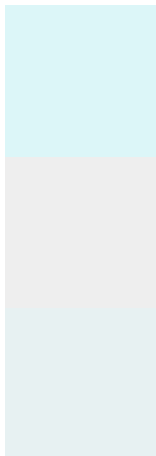
Deuteranomaly

84.4277, 87.3876, 101.2246

Tritanomaly

81.2854, 87.8984, 104.7773

Monochromacy



Original Color

79.4142, 87.9045, 101.5886

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4373, 86.3103, 96.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4142, 87.9045, 101.5886 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(220, 246, 248)` looks like.

```
.text, #text, p{  
    color:rgb(220, 246, 248)  
}
```

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(220, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 246, 248) }
```

Border

The CSS property to change the border of an element to XYZ 79.4142, 87.9045, 101.5886 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(220, 246, 248) }
```


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

```
.border{ border-color:rgb(220, 246, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(220, 246,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4142, 87.9045, 101.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 246, 248) }
```

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

```
.background{ background-color: rgb(220,  
246, 248) }
```

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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