

Converting Colors

XYZ(78.9650, 87.6787, 99.9588)

Have a look what the booklet for
XYZ(78.9650, 87.6787, 99.9588)
contains.

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Color

**XYZ(79.1055, 87.7810,
99.9629)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF6F6
RGB	220, 246, 246
RGB Percent	86%, 96%, 96%
CMY	0.1372, 0.0353, 0.0353
CMYK	0.11, 0.00, 0.00, 0.04
HSL	180°, 59%, 91%
HSV	180°, 11%, 96%
XYZ	79.1055, 87.7810, 99.9629
YIQ	238.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

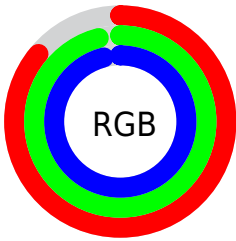
Format	Color
R _Y B	220, 233, 246
Decimal	14481142
CIE Lab	95.07, -8.42, -2.88
CIE LCh	95, 8.905, 198.900
Yxy	87.7810, 0.2964, 0.3290
Android (android.graphics.Color)	4292671222 (0xFFDCF6F6)
YUV	238.2260, 3.8326, -15.9842
Hunter-Lab	93.6915, -13.2493, 2.3254

Details

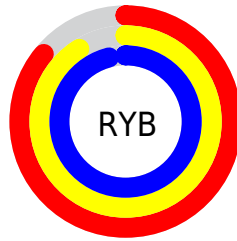
The XYZ color **79.1055, 87.7810, 99.9629** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5207, 75.9489, 78.3406**, and the grayscale version is **81.4250, 85.6654, 93.2896**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2248, 48.5439, 55.8069** is the 20% darker color. If you saturate the color by 10%, you get **72.2012, 84.2242, 99.6389**, and if you desaturate by 10%, it is **87.1104, 91.9100, 100.3421**.

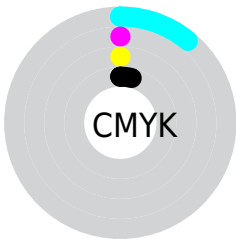
Distribution



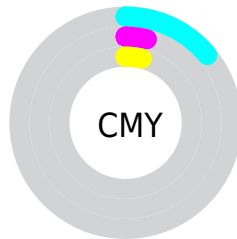
- Red (86%)
- Green (96%)
- Blue (96%)



- Red (86%)
- Yellow (91%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1055, 87.7810, 99.9629 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 79.1055, 87.7810, 99.9629 by changing the saturation by 10% instead.

79.1055, 87.7810,
99.9629

79.1055, 87.7810,
99.9629

480.6957,
520.7858, 581.3194

59.2885, 66.1417,
75.6528

131.0645,
144.2522, 163.1576

43.0927, 48.3875,
55.6429

163.9372,
179.8530, 202.8794

30.1527, 34.1338,
39.5146

201.8926,
220.8763, 248.5754

20.1031, 22.9964,
26.8494

245.2958,
267.7066, 300.6644

12.5787, 14.5909,
17.2287

294.5124,
320.7283, 359.5647

7.2141, 8.5328,
10.2340

349.9077,

3.6439, 4.4377,

380.3258, 425.6949

5.4468

411.8470,
446.8835, 499.4736

■ 1.5027, 1.9213,
2.4484

■ 0.3277, 0.5611,
0.8126

■ 79.1055, 87.7810,
99.9629

■ 79.1055, 87.7810,
99.9629

■ 72.2012, 84.2242,
99.6389

■ 87.1104, 91.9100,
100.3421

■ 66.3424, 81.2039,
99.3619

■ 90.8333, 93.8291,
100.5191


■ 61.4803, 78.6975,
99.1316


■ 90.8338, 93.8294,
100.5219


■ 57.5596, 76.6763,
98.9453


■ 90.8343, 93.8296,
100.5247


 54.5193, 75.1090,
98.8003


 90.8349, 93.8298,
100.5275


 52.2913, 73.9605,
98.6933

 90.8354, 93.8300,
100.5303


 50.7979, 73.1907,
98.6206

 90.8359, 93.8302,
100.5331

 49.9459, 72.7515,
98.5780

 90.8365, 93.8304,
100.5359

 49.5875, 72.5668,
98.5586

 90.8370, 93.8306,
100.5387

Harmonies

Analogous

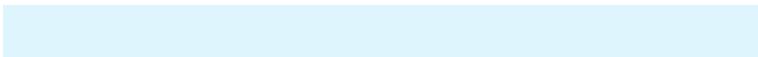
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9474, 87.7810, 93.0343



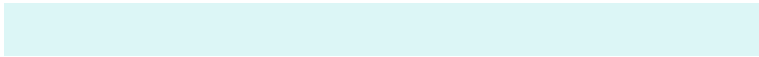
79.1055, 87.7810, 99.9629



80.4099, 87.7810, 105.9826

Triad

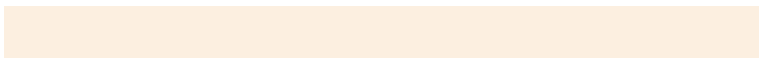
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1055, 87.7810, 99.9629



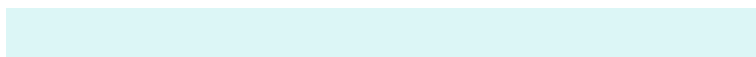
86.9910, 87.7810, 104.6146



84.3328, 87.7810, 83.0823

Complementary

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



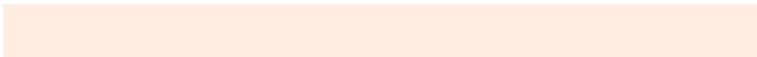
79.1055, 87.7810, 99.9629



76.5207, 75.9489, 78.3406

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.



86.5314, 87.7810, 85.8788



79.1055, 87.7810, 99.9629



88.0858, 87.7810, 98.1688

Square

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



79.1055, 87.7810, 99.9629



84.9504, 87.7810, 108.7566



87.9159, 87.7810, 91.3244



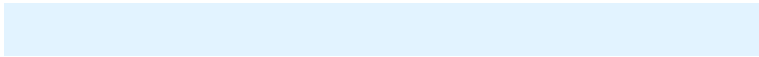
81.9342, 87.7810, 83.5105

Rectangle

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



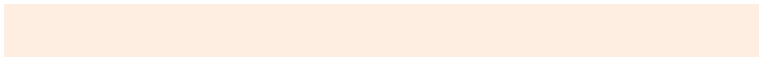
79.1055, 87.7810, 99.9629



81.7683, 87.7810, 108.5658



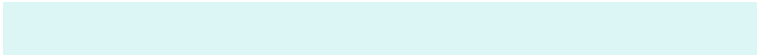
87.9159, 87.7810, 91.3244



85.1206, 87.7810, 83.6707

Sweetspot

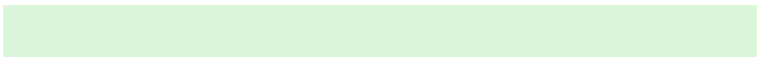
The Sweet Spot groups the original color and five complimentary colors.



79.1080, 87.7847, 99.9649



92.2912, 98.5778, 108.7700



75.5231, 86.3659, 80.4013



19.6003, 21.0204, 23.2740



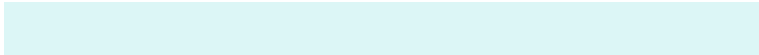
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.1080, 87.7847, 99.9649



83.8875, 94.2456, 108.3737



75.4140, 80.3957, 98.7363



16.9967, 18.7578, 21.2668



26.4666, 38.7315, 52.6044



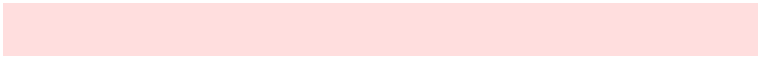
2.3262, 3.4041, 4.6236

Inverse Universe

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



76.5207, 75.9489, 78.3406



80.4868, 78.6890, 79.9515



79.9439, 82.7960, 79.4793



16.4993, 16.4826, 17.1099



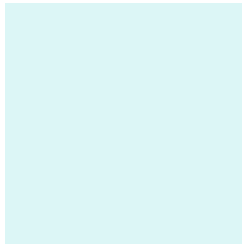
20.2863, 10.4580, 0.9501



1.7830, 0.9192, 0.0837

Previews

White Background



This preview shows how the XYZ color 79.1055, 87.7810, 99.9629 looks on a white background.

Color Contrast Check

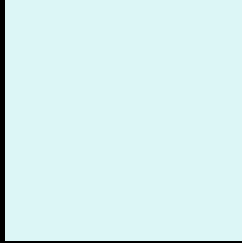
Large Text (above 18pt) WCAG AA × Fail

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 79.1055, 87.7810, 99.9629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

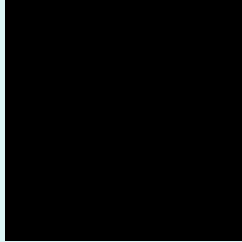
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

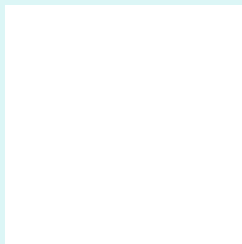
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1055, 87.7810, 99.9629

Background



This preview shows how black text looks on a background with the XYZ color 79.1055, 87.7810, 99.9629.



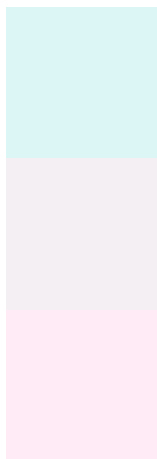
This preview shows how white text looks on a background with the XYZ color 79.1055, 87.7810,

99.9629.

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

79.1055, 87.7810, 99.9629

Protanopia

84.2017, 87.3769, 96.4319

Deuteranopia

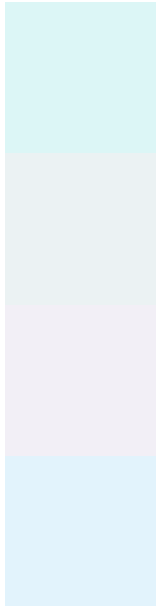
87.5829, 87.3305, 99.4291



Tritanopia

82.1152, 87.3823, 107.1463

Trichromacy



Original Color

79.1055, 87.7810, 99.9629

Protanomaly

82.1907, 87.6375, 97.3778

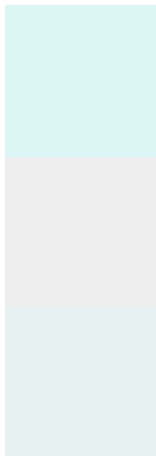
Deuteranomaly

84.1190, 87.2641, 99.5989

Tritanomaly

80.9853, 87.2982, 104.6773

Monochromacy



Original Color

79.1055, 87.7810, 99.9629

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.2875, 86.2504, 95.6355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1055, 87.7810, 99.9629 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, 246)` looks like.

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

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, 246) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 79.1055, 87.7810, 99.9629 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, 246) }
```


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

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

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, 246)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 79.1055, 87.7810, 99.9629 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, 246) }
```

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

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

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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