

Converting Colors

XYZ(79.1525, 87.2003,
105.8947)

Have a look what the booklet for
XYZ(79.1525, 87.2003, 105.8947)
contains.

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Color

**XYZ(78.9973, 87.1484,
105.5862)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F5FD
RGB	217, 245, 253
RGB Percent	85%, 96%, 99%
CMY	0.1490, 0.0392, 0.0078
CMYK	0.14, 0.03, 0.00, 0.01
HSL	193°, 90%, 92%
HSV	193°, 14%, 99%
XYZ	78.9973, 87.1484, 105.5862
YIQ	237.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

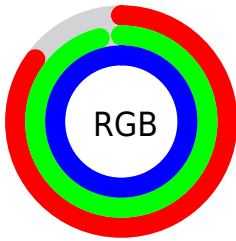
Format	Color
R _Y B	217, 233, 253
Decimal	14284285
CIE Lab	94.80, -7.49, -6.92
CIE LCh	95, 10.198, 222.765
Yxy	87.1484, 0.2907, 0.3207
Android (android.graphics.Color)	4292474365 (0xFFD9F5FD)
YUV	237.5400, 7.6218, -18.0136
Hunter-Lab	93.3533, -12.3183, -1.7120

Details

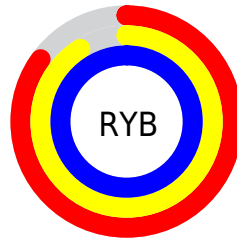
The XYZ color **78.9973, 87.1484, 105.5862** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.9582, 79.7425, 76.8248**, and the grayscale version is **80.8683, 85.0797, 92.6518**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0617, 48.0621, 59.2319** is the 20% darker color. If you saturate the color by 10%, you get **70.3722, 80.2185, 104.7046**, and if you desaturate by 10%, it is **88.8319, 94.7831, 106.5429**.

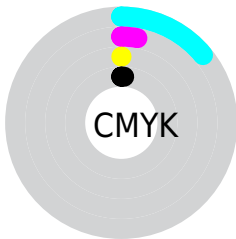
Distribution



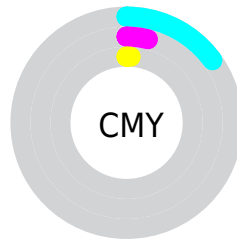
- Red (85%)
- Green (96%)
- Blue (99%)



- Red (85%)
- Yellow (91%)
- Blue (99%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9973, 87.1484, 105.5862 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 78.9973, 87.1484, 105.5862 by changing the saturation by 10% instead.

78.9973, 87.1484,
105.5862

78.9973, 87.1484,
105.5862

480.3354,
518.7104, 599.3569

59.1992, 65.6180,
80.3312

130.9130,
143.3710, 170.9315

43.0205, 47.9624,
59.4631

163.7613,
178.8319, 211.8589

30.0958, 33.7971,
42.5636

201.6905,
219.7052, 258.8474

20.0597, 22.7378,
29.2140

245.0657,
266.3753, 312.3157

12.5470, 14.4000,
18.9958

294.2525,
319.2264, 372.6823

7.1922, 8.3994,
11.4905

349.6161,

3.6300, 4.3516,

378.6430, 440.3656

6.2794

411.5220,
445.0096, 515.7843

■ 1.4950, 1.8721,
2.9442

■ 0.3224, 0.5315,
1.0662

■ 78.9973, 87.1484,
105.5862

■ 78.9973, 87.1484,
105.5862

■ 70.3722, 80.2185,
104.7046

■ 88.8319, 94.7831,
106.5429

■ 62.8963, 73.9547,
103.8896

94.7299, 99.8720,
107.2143

■ 56.5152, 68.3307,
103.1403

■ 51.1672, 63.3138,
102.4538

■ 46.7840, 58.8682,
101.8268

■ 43.2887, 54.9536,
101.2554

■ 40.5922, 51.5233,
100.7354

■ 38.5855, 48.5204,
100.2616

■ 37.6515, 46.9353,
100.0048

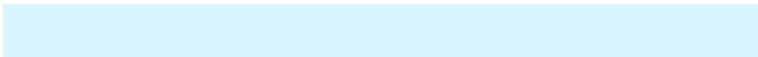
Harmonies

Analogous

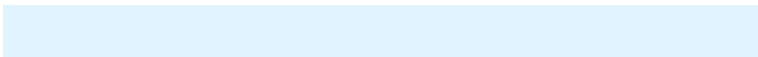
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7641, 87.1484, 98.2871



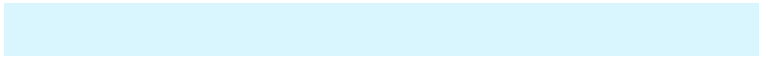
78.9973, 87.1484, 105.5862



81.2697, 87.1484, 110.1560

Triad

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



78.9973, 87.1484, 105.5862



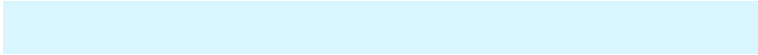
88.0037, 87.1484, 99.4639



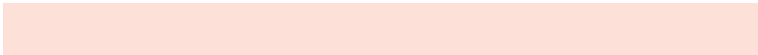
81.6651, 87.1484, 80.8276

Complementary

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



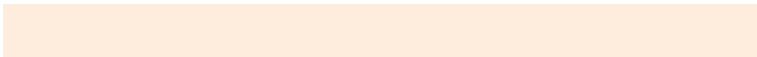
78.9973, 87.1484, 105.5862



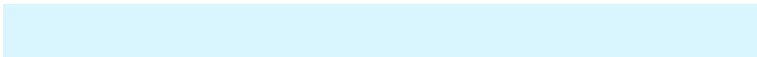
79.9582, 79.7425, 76.8248

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.



84.4140, 87.1484, 81.1036



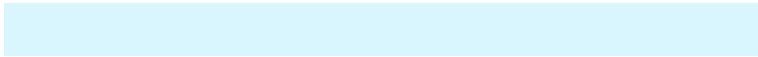
78.9973, 87.1484, 105.5862



88.1153, 87.1484, 91.5717

Square

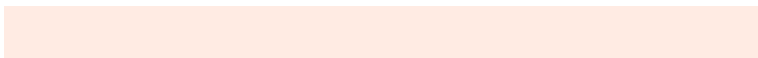
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



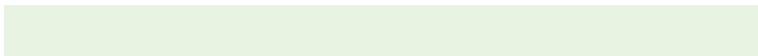
78.9973, 87.1484, 105.5862



86.4871, 87.1484, 106.4888



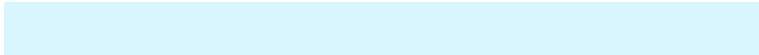
86.7887, 87.1484, 84.9413



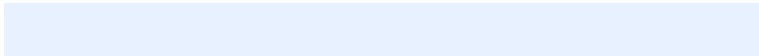
79.2812, 87.1484, 84.1652

Rectangle

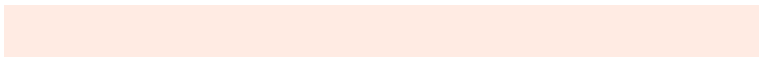
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



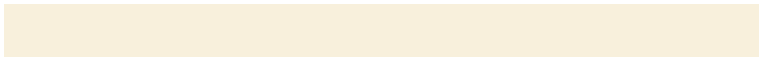
78.9973, 87.1484, 105.5862



83.0881, 87.1484, 110.8918



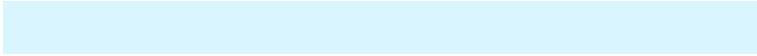
86.7887, 87.1484, 84.9413



82.5763, 87.1484, 80.5064

Sweetspot

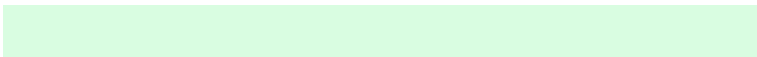
The Sweet Spot groups the original color and five complimentary colors.



78.9998, 87.1520, 105.5881



90.6779, 96.6794, 108.4895



77.3054, 90.4291, 84.4729



19.2377, 20.5626, 23.2050



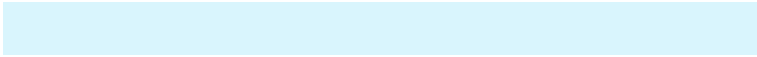
0.0000, 0.0000, 0.0000



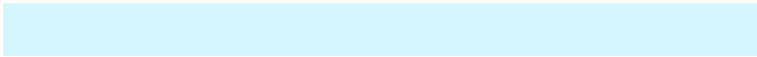
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9998, 87.1520, 105.5881



77.8653, 86.6945, 107.2375



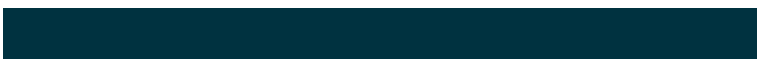
73.8702, 76.8928, 103.8783



18.1925, 19.7566, 23.1045



20.1424, 25.1943, 53.2360



2.0414, 2.6136, 5.2101

Inverse Universe

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



81.8043, 77.1028, 96.9612



81.2342, 74.7874, 96.8372



85.0246, 89.8755, 78.5136



18.6098, 18.2272, 21.8284



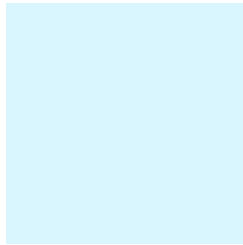
26.9551, 13.2713, 29.4779



2.6650, 1.3084, 3.0835

Previews

White Background



This preview shows how the XYZ color 78.9973, 87.1484, 105.5862 looks on a white background.

Color Contrast Check

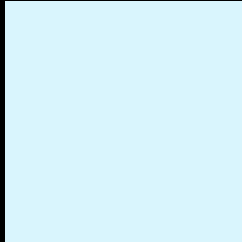
Large Text (above 18pt) WCAG AA × Fail

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 78.9973, 87.1484, 105.5862 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

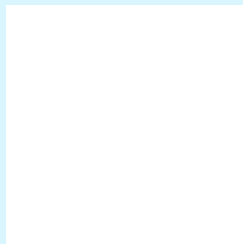
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9973, 87.1484, 105.5862

Background



This preview shows how black text looks on a background with the XYZ color 78.9973, 87.1484, 105.5862.

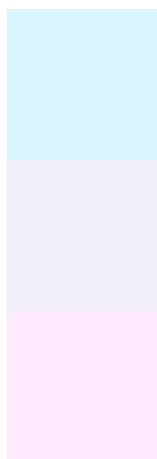


This preview shows how white text looks on a background with the XYZ color 78.9973, 87.1484,

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

78.9973, 87.1484, 105.5862

Protanopia

83.9490, 86.6894, 101.9307

Deuteranopia

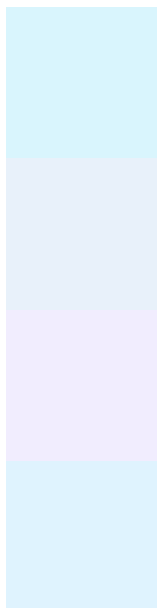
88.4289, 86.7578, 106.6930



Tritanopia

81.1662, 86.8930, 107.1019

Trichromacy



Original Color

78.9973, 87.1484, 105.5862

Protanomaly

81.9893, 86.9685, 102.9078

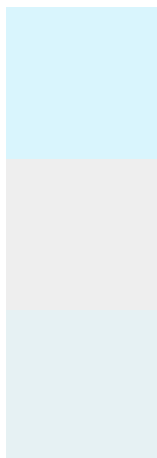
Deuteranomaly

84.4492, 86.4249, 105.9967

Tritanomaly

80.3714, 86.9449, 106.3120

Monochromacy



Original Color

78.9973, 87.1484, 105.5862

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.2661, 86.2047, 97.2027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9973, 87.1484, 105.5862 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(217, 245, 253)` looks like.

```
.text, #text, p{  
    color:rgb(217, 245, 253)  
}
```

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(217, 245, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 245, 253) }
```

Border

The CSS property to change the border of an element to XYZ 78.9973, 87.1484, 105.5862 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(217, 245, 253) }
```


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

```
.border{ border-color:rgb(217, 245, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 245, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 245, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 245, 253);  
box-shadow:4px 4px 4px 4px rgb(217, 245,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9973, 87.1484, 105.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 245, 253) }
```

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

```
.background{ background-color: rgb(217,  
245, 253) }
```

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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