

Converting Colors

XYZ(78.2962, 88.0357, 97.3263)

Have a look what the booklet for
XYZ(78.2962, 88.0357, 97.3263)
contains.

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Color

**XYZ(78.3519, 87.8980,
97.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF7F3
RGB	218, 247, 243
RGB Percent	85%, 97%, 95%
CMY	0.1451, 0.0314, 0.0471
CMYK	0.12, 0.00, 0.02, 0.03
HSL	172°, 64%, 91%
HSV	172°, 12%, 97%
XYZ	78.3519, 87.8980, 97.6305
YIQ	237.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

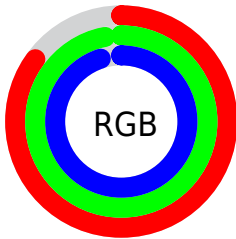
Format	Color
R _Y B	218, 234, 247
Decimal	14350323
CIE Lab	95.12, -10.14, -1.28
CIE LCh	95, 10.216, 187.173
Yxy	87.8980, 0.2969, 0.3331
Android (android.graphics.Color)	4292540403 (0xFFDAF7F3)
YUV	237.8730, 2.5276, -17.4286
Hunter-Lab	93.7539, -14.8936, 3.8862

Details

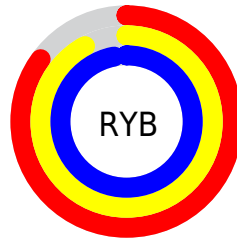
The XYZ color **78.3519, 87.8980, 97.6305** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.6172, 75.1933, 79.5868**, and the grayscale version is **81.1618, 85.3885, 92.9881**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7047, 48.6360, 54.1506** is the 20% darker color. If you saturate the color by 10%, you get **70.9993, 84.1690, 94.6250**, and if you desaturate by 10%, it is **86.8198, 92.2057, 100.7418**.

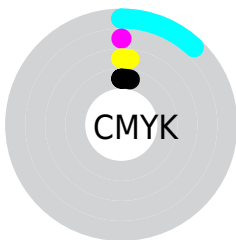
Distribution



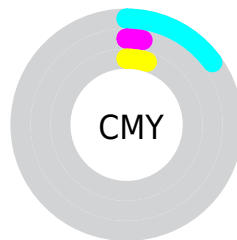
- Red (85%)
- Green (97%)
- Blue (95%)



- Red (85%)
- Yellow (92%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3519, 87.8980, 97.6305 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 78.3519, 87.8980, 97.6305 by changing the saturation by 10% instead.

78.3519, 87.8980,
97.6305

78.3519, 87.8980,
97.6305

478.1826,
521.1691, 573.7505

58.6669, 66.2386,
73.7173

130.0088,
144.4151, 159.9205

42.5904, 48.4661,
54.0673

162.7114,
180.0417, 199.1344

29.7570, 34.1962,
38.2620

200.4839,
221.0927, 244.2856

19.8013, 23.0443,
25.8827

243.6917,
267.9526, 295.7927

12.3581, 14.6262,
16.5109

292.7001,
321.0058, 354.0742

7.0620, 8.5575,
9.7281

347.8745,

3.5476, 4.4537,

380.6367, 419.5486

5.1158

409.5802,
447.2297, 492.6345

■ 1.4495, 1.9305,
2.2555

■ 0.2911, 0.5666,
0.7061

■ 78.3519, 87.8980,
97.6305

■ 78.3519, 87.8980,
97.6305

■ 70.9993, 84.1690,
94.6250

■ 86.8198, 92.2057,
100.7418

■ 64.7060, 80.9825,
91.7169

■ 91.7296, 94.6756,
103.7349

■ 59.4222, 78.3153,
88.9055

■ 92.2687, 94.8913,
106.5739

■ 55.0913, 76.1383,
86.1878

■ 92.5524, 95.0047,
108.0675

■ 51.6510, 74.4194,
83.5606

■ 49.0316, 73.1225,
81.0203

■ 47.1529, 72.2065,
78.5631

■ 45.9182, 71.6214,
76.1840

■ 45.2612, 71.3243,
74.2722

Harmonies

Analogous

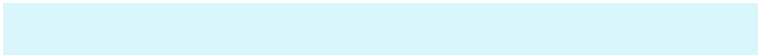
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7135, 87.8980, 89.8886



78.3519, 87.8980, 97.6305



79.3568, 87.8980, 105.2579

Triad

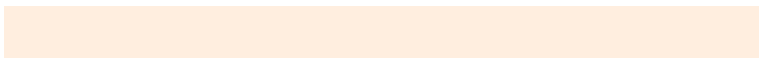
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3519, 87.8980, 97.6305



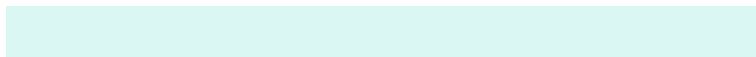
86.8163, 87.8980, 108.4308



85.6355, 87.8980, 82.2772

Complementary

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



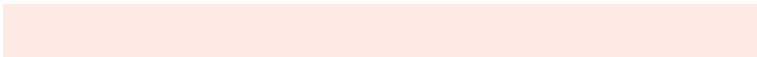
78.3519, 87.8980, 97.6305



76.6172, 75.1933, 79.5868

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.



87.8768, 87.8980, 86.7501



78.3519, 87.8980, 97.6305



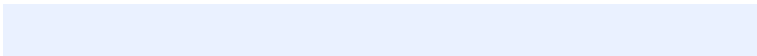
88.5690, 87.8980, 101.7691

Square

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



78.3519, 87.8980, 97.6305



84.2137, 87.8980, 111.7140



88.9614, 87.8980, 93.8069



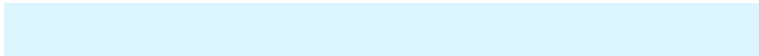
82.8787, 87.8980, 81.3053

Rectangle

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



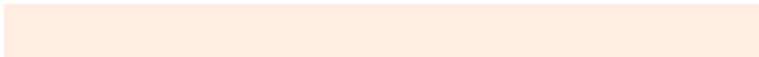
78.3519, 87.8980, 97.6305



80.6798, 87.8980, 109.1562



88.9614, 87.8980, 93.8069



86.4760, 87.8980, 83.4086

Sweetspot

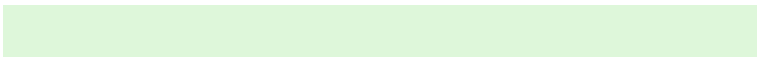
The Sweet Spot groups the original color and five complimentary colors.



78.3544, 87.9017, 97.6325



91.1706, 98.0262, 107.5395



76.1499, 87.1722, 79.1436



19.3628, 20.9046, 22.9635



0.0000, 0.0000, 0.0000



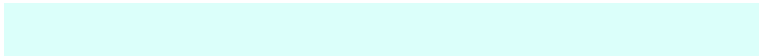
20.3446, 21.4041, 23.3091

Same Dimension

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



78.3544, 87.9017, 97.6325



82.3304, 93.5333, 104.2163



75.9454, 82.1055, 99.8451



16.8925, 18.7162, 20.7184



23.9756, 37.7351, 39.4866



2.1338, 3.3272, 3.6104

Inverse Universe

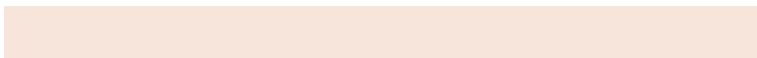
The Inverse Universe completely reimagines the original color for something new.



76.6172, 75.1933, 79.5868



80.1353, 77.4739, 81.4135



78.8004, 80.4084, 77.6983



16.5923, 16.5198, 17.5995



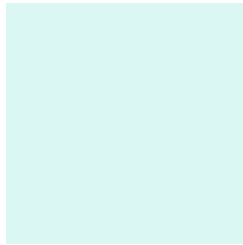
20.4692, 10.5311, 1.9134



1.8273, 0.9369, 0.3170

Previews

White Background



This preview shows how the XYZ color 78.3519, 87.8980, 97.6305 looks on a white background.

Color Contrast Check

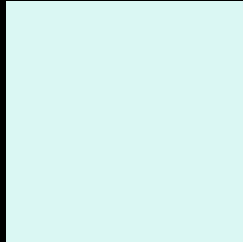
Large Text (above 18pt) WCAG AA × Fail

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 78.3519, 87.8980, 97.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

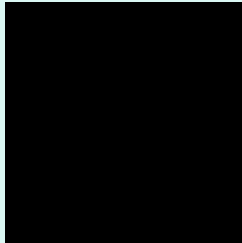
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

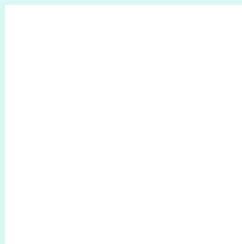
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3519, 87.8980, 97.6305

Background



This preview shows how black text looks on a background with the XYZ color 78.3519, 87.8980, 97.6305.



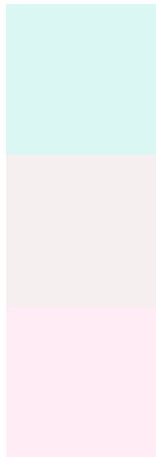
This preview shows how white text looks on a background with the XYZ color 78.3519, 87.8980,

97.6305.

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

78.3519, 87.8980, 97.6305

Protanopia

84.1027, 87.3775, 94.0942

Deuteranopia

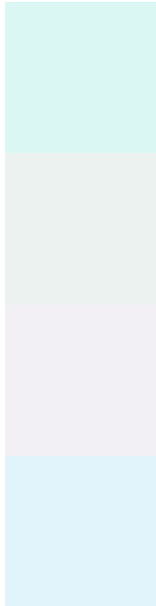
87.5646, 87.7826, 97.9165



Tritanopia

82.4137, 87.9792, 107.2458

Trichromacy



Original Color

78.3519, 87.8980, 97.6305

Protanomaly

81.7413, 87.4577, 95.0109

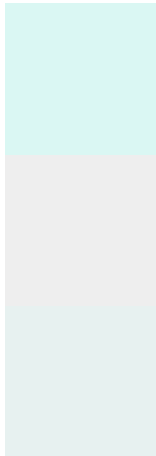
Deuteranomaly

84.1072, 87.7291, 98.0884

Tritanomaly

80.8146, 87.6740, 103.9302

Monochromacy



Original Color

78.3519, 87.8980, 97.6305

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.1385, 86.1908, 94.8508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3519, 87.8980, 97.6305 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(218, 247, 243)` looks like.

```
.text, #text, p{  
    color:rgb(218, 247, 243)  
}
```

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(218, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 247, 243) }
```

Border

The CSS property to change the border of an element to XYZ 78.3519, 87.8980, 97.6305 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(218, 247, 243) }
```


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

```
.border{ border-color:rgb(218, 247, 243) }
```

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

Here you see how a box with a 4 pixel rgb(218, 247, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(218, 247,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3519, 87.8980, 97.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 247, 243) }
```

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

```
.background{ background-color: rgb(218,  
247, 243) }
```

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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