

Converting Colors

XYZ(78.4461, 89.1014, 98.9926)

Have a look what the booklet for
XYZ(78.4461, 89.1014, 98.9926)
contains.

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Color

**XYZ(78.5391, 89.3499,
98.6948)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D7FAF4 |
| RGB | 215, 250, 244 |
| RGB Percent | 84%, 98%, 96% |
| CMY | 0.1569, 0.0196, 0.0431 |
| CMYK | 0.14, 0.00, 0.02, 0.02 |
| HSL | 170°, 78%, 91% |
| HSV | 170°, 14%, 98% |
| XYZ | 78.5391, 89.3499, 98.6948 |
| YIQ | 238.8510, -18.9340, -9.2860 |

Conversions

Conversions Part 2

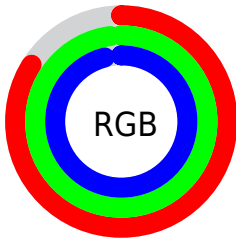
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 215, 234, 250 |
| Decimal | 14154484 |
| CIE _{Lab} | 95.73, -12.39, -0.92 |
| CIE _{LCh} | 96, 12.420, 184.270 |
| Yxy | 89.3499, 0.2946, 0.3352 |
| Android (android.graphics.Color) | 4292344564 (0xFFD7FAF4) |
| YUV | 238.8510, 2.5385, -20.9173 |
| Hunter-Lab | 94.5251, -17.1066, 4.2621 |

Details

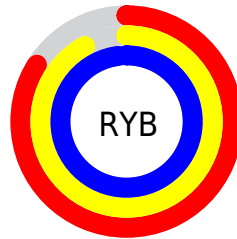
The XYZ color **78.5391, 89.3499, 98.6948** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7791, 74.1478, 78.6759**, and the grayscale version is **81.9217, 86.1880, 93.8588**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6443, 49.2444, 54.8345** is the 20% darker color. If you saturate the color by 10%, you get **71.1086, 85.5961, 94.9894**, and if you desaturate by 10%, it is **87.1116, 93.6955, 102.5365**.

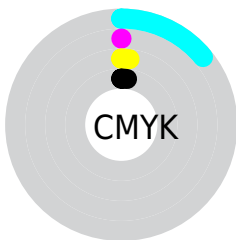
Distribution



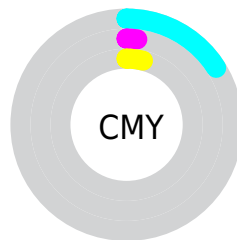
- Red (84%)
- Green (98%)
- Blue (96%)



- Red (84%)
- Yellow (92%)
- Blue (98%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (16%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5391, 89.3499, 98.6948 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 78.5391, 89.3499, 98.6948 by changing the saturation by 10% instead.

78.5391, 89.3499,
98.6948

78.5391, 89.3499,
98.6948

478.8076,
525.9138, 577.2108

58.8213, 67.4416,
74.6002

130.2712,
146.4350, 161.3986

42.7151, 49.4436,
54.7856

163.0161,
182.3807, 200.8448

29.8552, 34.9715,
38.8327

200.8341,
223.7742, 246.2453

19.8762, 23.6409,
26.3228

244.0905,
271.0000, 298.0186

12.4128, 15.0675,
16.8373

293.1507,
324.4424, 356.5833

7.0997, 8.8667,
9.9578

348.3801,

3.5714, 4.6544,

384.4860, 422.3578

5.2658

410.1439,
451.5150, 495.7608

■ 1.4626, 2.0459,
2.3426

■ 0.3002, 0.6340,
0.7549

■ 78.5391, 89.3499,
98.6948

■ 78.5391, 89.3499,
98.6948

■ 71.1086, 85.5961,
94.9894

■ 87.1116, 93.6955,
102.5365

■ 64.7616, 82.3967,
91.4113

■ 93.0896, 96.6994,
106.3345

■ 59.4459, 79.7273,
87.9595

■ 93.4772, 96.8544,
108.3757

■ 55.1020, 77.5571,
84.6307

■ 51.6640, 75.8522,
81.4212

■ 49.0580, 74.5746,
78.3270

■ 47.1982, 73.6799,
75.3435

■ 45.9796, 73.1141,
72.4654

■ 45.4652, 72.8856,
70.7847

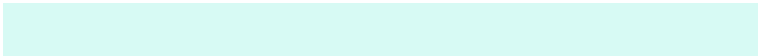
Harmonies

Analogous

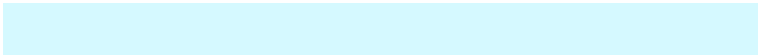
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1417, 89.3499, 89.3441



78.5391, 89.3499, 98.6948



79.6094, 89.3499, 108.2724

Triad

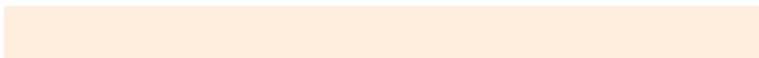
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5391, 89.3499, 98.6948



88.6783, 89.3499, 113.6809



87.8089, 89.3499, 81.3004

Complementary

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



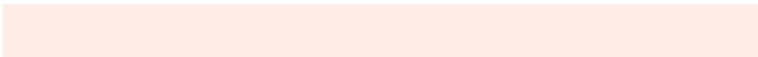
78.5391, 89.3499, 98.6948



76.7791, 74.1478, 78.6759

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.



90.4708, 89.3499, 87.0707



78.5391, 89.3499, 98.6948



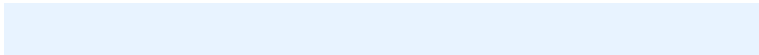
90.9821, 89.3499, 105.6869

Square

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



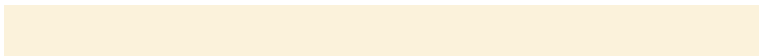
78.5391, 89.3499, 98.6948



85.4146, 89.3499, 117.2848



91.6467, 89.3499, 95.8924



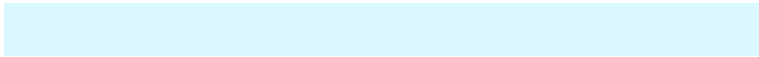
84.4361, 89.3499, 79.7020

Rectangle

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



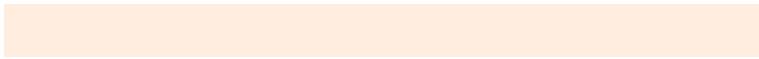
78.5391, 89.3499, 98.6948



81.1449, 89.3499, 113.3762



91.6467, 89.3499, 95.8924



88.8195, 89.3499, 82.7965

Sweetspot

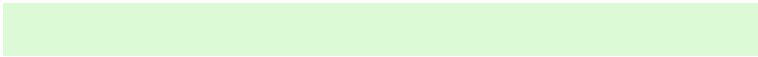
The Sweet Spot groups the original color and five complimentary colors.



78.5416, 89.3536, 98.6968



91.1160, 98.0044, 107.2523



76.4000, 88.7189, 77.3893



19.3490, 20.8991, 22.8906



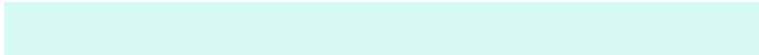
0.0000, 0.0000, 0.0000



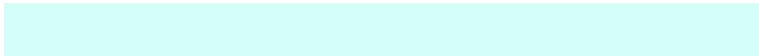
20.3446, 21.4041, 23.3091

Same Dimension

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



78.5416, 89.3536, 98.6968



79.6864, 92.2154, 102.0530



76.1245, 83.0366, 102.4622



17.6305, 19.5545, 21.5208



24.1624, 38.6780, 37.7939



2.2705, 3.5953, 3.6721

Inverse Universe

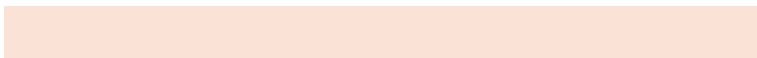
The Inverse Universe completely reimagines the original color for something new.



76.7791, 74.1478, 78.6759



77.4935, 73.2911, 77.1388



78.9121, 79.6712, 75.5105



17.3661, 17.2738, 18.5175



21.1776, 10.8868, 2.3778



1.9943, 1.0215, 0.3936

Previews

White Background



This preview shows how the XYZ color 78.5391, 89.3499, 98.6948 looks on a white background.

Color Contrast Check

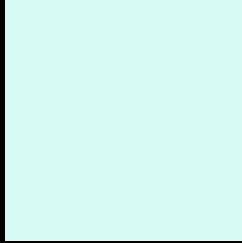
Large Text (above 18pt) WCAG AA × Fail

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 78.5391, 89.3499, 98.6948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

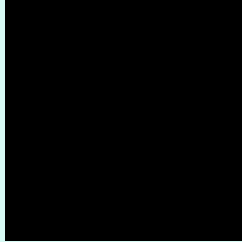
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

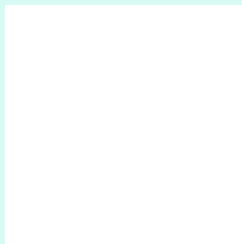
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5391, 89.3499, 98.6948

Background



This preview shows how black text looks on a background with the XYZ color 78.5391, 89.3499, 98.6948.



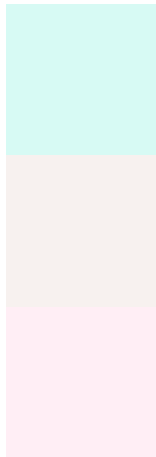
This preview shows how white text looks on a background with the XYZ color 78.5391, 89.3499,

98.6948.

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

78.5391, 89.3499, 98.6948

Protanopia

85.3931, 88.9167, 94.3233

Deuteranopia

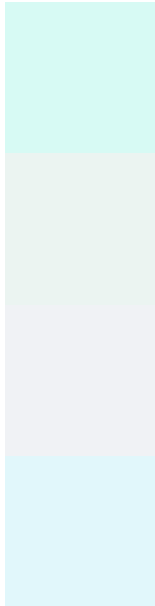
88.2960, 89.0016, 98.9115



Tritanopia

83.6574, 89.5137, 107.4764

Trichromacy



Original Color

78.5391, 89.3499, 98.6948

Protanomaly

82.4888, 88.7144, 95.9951

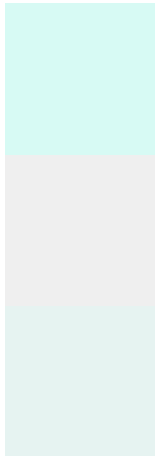
Deuteranomaly

84.1687, 88.6221, 99.0558

Tritanomaly

81.7247, 89.4941, 104.2335

Monochromacy



Original Color

78.5391, 89.3499, 98.6948

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.5609, 87.2751, 95.8188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5391, 89.3499, 98.6948 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(215, 250, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 250, 244)  
}
```

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(215, 250, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 250, 244) }
```

Border

The CSS property to change the border of an element to XYZ 78.5391, 89.3499, 98.6948 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(215, 250, 244) }
```


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

```
.border{ border-color:rgb(215, 250, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 250, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 250, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 250, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 250,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5391, 89.3499, 98.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 250, 244) }
```

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

```
.background{ background-color: rgb(215,  
250, 244) }
```

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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