

Converting Colors

XYZ(76.8507, 89.5499, 96.2159)

Have a look what the booklet for
XYZ(76.8507, 89.5499, 96.2159)
contains.

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Color

**XYZ(76.7000, 89.3816,
96.4289)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FCF1
RGB	208, 252, 241
RGB Percent	82%, 99%, 95%
CMY	0.1843, 0.0117, 0.0549
CMYK	0.17, 0.00, 0.04, 0.01
HSL	165°, 88%, 90%
HSV	165°, 17%, 99%
XYZ	76.7000, 89.3816, 96.4289
YIQ	237.5900, -22.6930, -12.7490

Conversions

Conversions Part 2

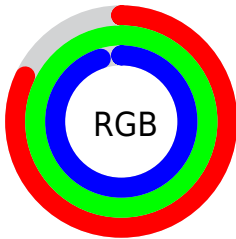
Format	Color
R _{YB}	208, 233, 252
Decimal	13696241
CIE Lab	95.74, -16.13, 0.59
CIE LCh	96, 16.144, 177.903
Yxy	89.3816, 0.2922, 0.3405
Android (android.graphics.Color)	4291886321 (0xFFD0FCF1)
YUV	237.5900, 1.6811, -25.9504
Hunter-Lab	94.5418, -20.6346, 5.7059

Details

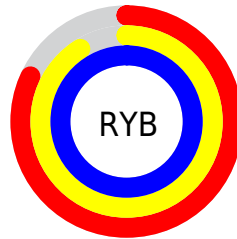
The XYZ color **76.7000, 89.3816, 96.4289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.4901, 70.9240, 76.7327**, and the grayscale version is **80.9532, 85.1690, 92.7491**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4089, 49.3053, 53.2333** is the 20% darker color. If you saturate the color by 10%, you get **69.2454, 85.6479, 91.2523**, and if you desaturate by 10%, it is **85.3179, 93.7161, 101.8337**.

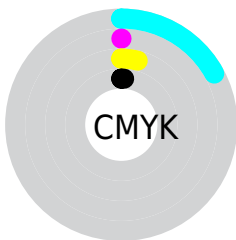
Distribution



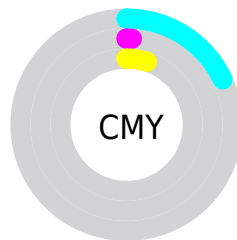
- Red (82%)
- Green (99%)
- Blue (95%)



- Red (82%)
- Yellow (91%)
- Blue (99%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)




- Cyan (18%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7000, 89.3816, 96.4289 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 76.7000, 89.3816, 96.4289 by changing the saturation by 10% instead.


 76.7000, 89.3816,
96.4289

 76.7000, 89.3816,
96.4289


472.6482,
526.0172, 569.8302

 57.3058, 67.4679,
72.7214

127.6910,
146.4791, 158.2497

 41.4919, 49.4649,
53.2577


160.0185,
182.4317, 197.2001

 28.8930, 34.9884,
37.6194


197.3877,
223.8326, 242.0686

 19.1438, 23.6540,
25.3879

240.1641,
271.0664, 293.2736

 11.8788, 15.0771,
16.1447

288.7130,
324.5173, 351.2337

 6.7328, 8.8735,
9.4711

343.3997,

 3.3404, 4.6588,

384.5698, 416.3675

4.9487

404.5897,
451.6083, 489.0935

■ 1.3362, 2.0485,
2.1590

■ 0.2101, 0.6354,
0.6506

■ 76.7000, 89.3816,
96.4289

■ 76.7000, 89.3816,
96.4289

■ 69.2454, 85.6479,
91.2523

■ 85.3179, 93.7161,
101.8337

■ 62.8932, 82.4764,
86.2938

■ 93.8783, 98.0146,
107.4056

■ 57.5883, 79.8411,
81.5508

■ 94.1021, 98.1041,
108.5840

■ 53.2677, 77.7096,
77.0188

■ 49.8615, 76.0459,
72.6926

■ 47.2903, 74.8090,
68.5668

■ 45.4608, 73.9510,
64.6351

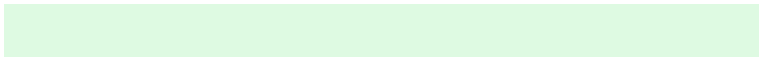
■ 44.2508, 73.4089,
60.8900

■ 43.9961, 73.2977,
59.9665

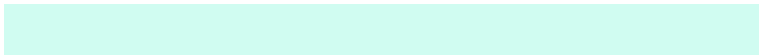
Harmonies

Analogous

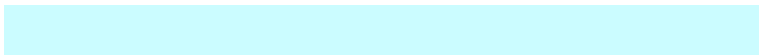
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9209, 89.3816, 84.8913



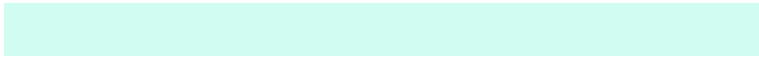
76.7000, 89.3816, 96.4289



77.6261, 89.3816, 109.2261

Triad

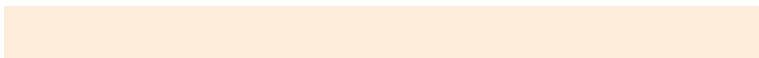
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7000, 89.3816, 96.4289



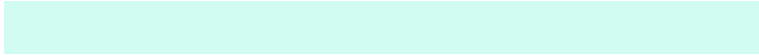
89.0155, 89.3816, 120.5843



89.5752, 89.3816, 78.0311

Complementary

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



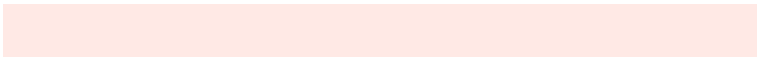
76.7000, 89.3816, 96.4289



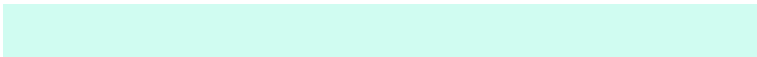
75.4901, 70.9240, 76.7327

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.



92.7302, 89.3816, 86.3147



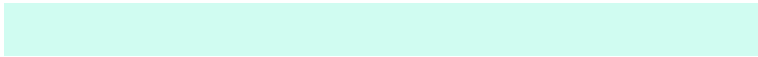
76.7000, 89.3816, 96.4289



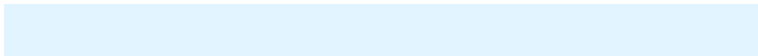
92.3992, 89.3816, 110.9092

Square

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



76.7000, 89.3816, 96.4289



84.6423, 89.3816, 123.8763



93.7810, 89.3816, 98.2193



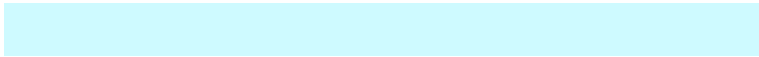
85.2675, 89.3816, 74.8615

Rectangle

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



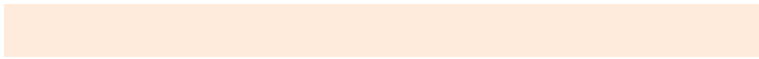
76.7000, 89.3816, 96.4289



79.3551, 89.3816, 116.6282



93.7810, 89.3816, 98.2193



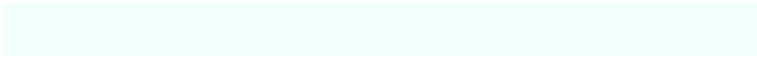
90.8113, 89.3816, 80.2723

Sweetspot

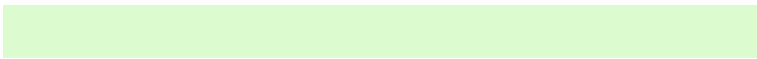
The Sweet Spot groups the original color and five complimentary colors.



76.7025, 89.3853, 96.4309



90.0047, 97.4579, 106.0066



75.6329, 89.3528, 72.9364



19.1183, 20.7863, 22.6037



0.0000, 0.0000, 0.0000



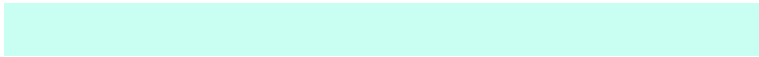
20.3446, 21.4041, 23.3091

Same Dimension

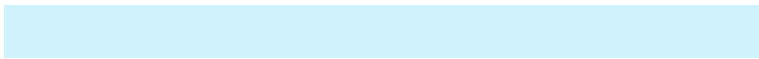
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7025, 89.3853, 96.4309



75.9369, 90.3873, 97.1411



75.2587, 83.7872, 104.3058



17.5695, 19.5301, 21.1994



22.9791, 38.2047, 31.5631



2.1705, 3.5553, 3.1459

Inverse Universe

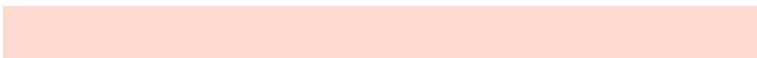
The Inverse Universe completely reimagines the original color for something new.



75.4901, 70.9240, 76.7327



74.4770, 68.1415, 73.4101



76.6736, 75.5333, 70.2141



17.4226, 17.2964, 18.8153



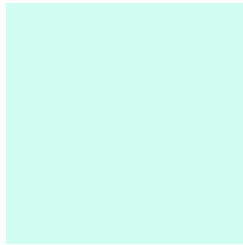
21.4288, 10.9872, 3.7004



2.0252, 1.0338, 0.5562

Previews

White Background



This preview shows how the XYZ color 76.7000, 89.3816, 96.4289 looks on a white background.

Color Contrast Check

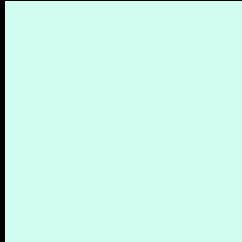
Large Text (above 18pt) WCAG AA × Fail

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 76.7000, 89.3816, 96.4289 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

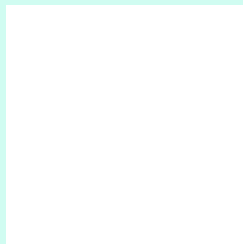
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7000, 89.3816, 96.4289

Background



This preview shows how black text looks on a background with the XYZ color 76.7000, 89.3816, 96.4289.



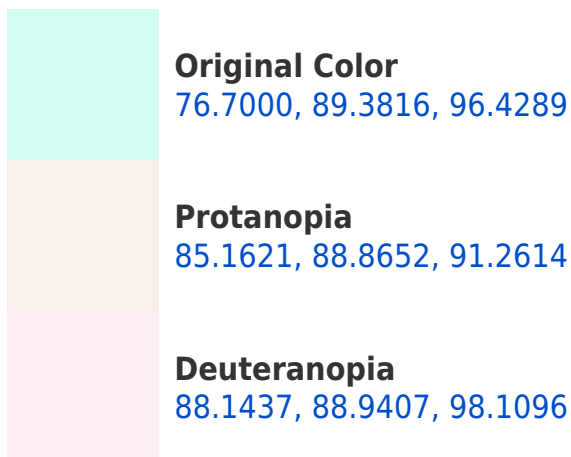
This preview shows how white text looks on a background with the XYZ color 76.7000, 89.3816,

96.4289.

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





Tritanopia

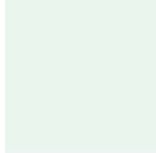
83.0155, 89.1828, 107.4464

Trichromacy



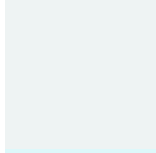
Original Color

76.7000, 89.3816, 96.4289



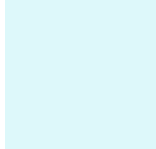
Protanomaly

81.5427, 88.7429, 92.9521



Deuteranomaly

83.4881, 88.7494, 97.5241



Tritanomaly

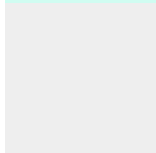
80.6415, 89.4091, 103.4499

Monochromacy



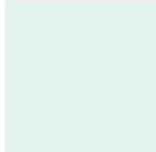
Original Color

76.7000, 89.3816, 96.4289



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.3091, 86.6641, 94.2092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7000, 89.3816, 96.4289 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(208, 252, 241)` looks like.

```
.text, #text, p{  
    color:rgb(208, 252, 241)  
}
```

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(208, 252, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 252, 241) }
```

Border

The CSS property to change the border of an element to XYZ 76.7000, 89.3816, 96.4289 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(208, 252, 241) }
```


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

```
.border{ border-color:rgb(208, 252, 241) }
```

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

Here you see how a box with a 4 pixel rgb(208, 252, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 252, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 252, 241);  
box-shadow:4px 4px 4px 4px rgb(208, 252,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7000, 89.3816, 96.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 252, 241) }
```

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

```
.background{ background-color: rgb(208,  
252, 241) }
```

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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