

Converting Colors

XYZ(76.0421, 83.9757, 94.3474)

Have a look what the booklet for
XYZ(76.0421, 83.9757, 94.3474)
contains.

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Color

**XYZ(76.0969, 84.1073,
94.6617)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1F0
RGB	218, 241, 240
RGB Percent	85%, 95%, 94%
CMY	0.1451, 0.0549, 0.0588
CMYK	0.10, 0.00, 0.00, 0.05
HSL	177°, 45%, 90%
HSV	177°, 10%, 95%
XYZ	76.0969, 84.1073, 94.6617
YIQ	234.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

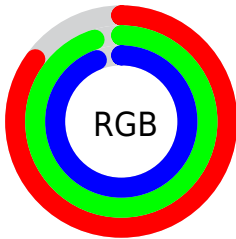
Format	Color
R _Y B	218, 230, 241
Decimal	14348784
CIE Lab	93.50, -7.69, -2.10
CIE LCh	93, 7.971, 195.240
Yxy	84.1073, 0.2986, 0.3300
Android (android.graphics.Color)	4292538864 (0xFFDAF1F0)
YUV	234.0090, 2.9536, -14.0399
Hunter-Lab	91.7100, -12.3812, 2.9988

Details

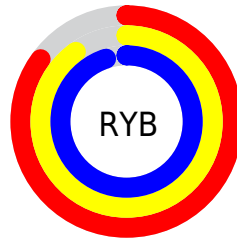
The XYZ color **76.0969, 84.1073, 94.6617** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1362, 73.9603, 77.3900**, and the grayscale version is **78.2012, 82.2737, 89.5961**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1049, 45.9451, 52.0492** is the 20% darker color. If you saturate the color by 10%, you get **69.2523, 80.5991, 93.5300**, and if you desaturate by 10%, it is **83.9951, 88.1632, 95.8509**.

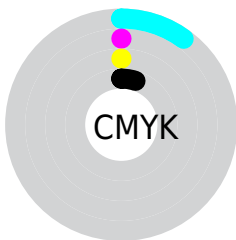
Distribution



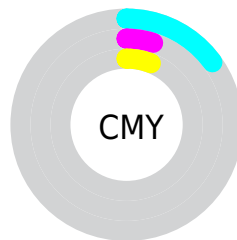
- Red (85%)
- Green (95%)
- Blue (94%)



- Red (85%)
- Yellow (90%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0969, 84.1073, 94.6617 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 76.0969, 84.1073, 94.6617 by changing the saturation by 10% instead.

76.0969, 84.1073,
94.6617

76.0969, 84.1073,
94.6617

470.6186,
508.6695, 564.0380

56.8093, 63.1040,
71.2581

126.8435,
139.1253, 155.7887

41.0917, 45.9254,
52.0697

159.0332,
173.9087, 194.3492

28.5787, 32.1869,
36.6780

196.2543,
214.0544, 238.7991

18.9050, 21.5043,
24.6645

238.8722,
259.9467, 289.5569

11.7053, 13.4931,
15.6105

287.2523,
311.9699, 347.0411

6.6141, 7.7690,
9.0976

341.7598,

3.2661, 3.9475,

370.5085, 411.6704

4.7072

402.7601,
435.9469, 483.8632

■ 1.2960, 1.6442,
2.0208

■ 0.1802, 0.3871,
0.5680

■ 76.0969, 84.1073,
94.6617

■ 76.0969, 84.1073,
94.6617

■ 69.2523, 80.5991,
93.5300

■ 83.9951, 88.1632,
95.8509

■ 63.4091, 77.6047,
92.4482


■ 88.7396, 90.5908,
96.8955


■ 58.5215, 75.1028,
91.4157


■ 88.8981, 90.6542,
97.7303


■ 54.5370, 73.0664,
90.4303


■ 89.0576, 90.7180,
98.5698


 51.3985, 71.4660,
89.4891


 89.2179, 90.7822,
99.4141

 49.0420, 70.2687,
88.5892


 89.3791, 90.8467,
100.2633


 47.3947, 69.4369,
87.7272

 89.5413, 90.9115,
101.1172

 46.3700, 68.9259,
86.8990

 89.7044, 90.9768,
101.9760

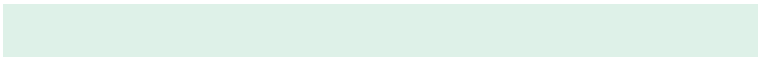
 45.8293, 68.6643,
86.0981

 89.8684, 91.0424,
102.8396

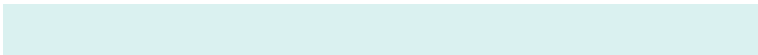
Harmonies

Analogous

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



76.0884, 84.1073, 88.6549



76.0969, 84.1073, 94.6617



77.1233, 84.1073, 100.0646

Triad

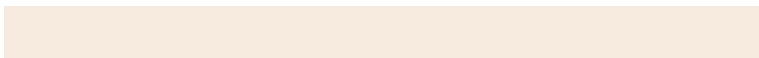
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0969, 84.1073, 94.6617



82.8521, 84.1073, 99.9917



80.9778, 84.1073, 80.8132

Complementary

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



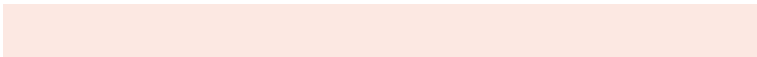
76.0969, 84.1073, 94.6617



74.1362, 73.9603, 77.3900

Split Complementary

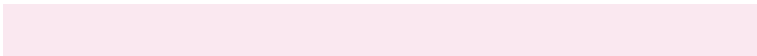
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8275, 84.1073, 83.5864



76.0969, 84.1073, 94.6617



83.9225, 84.1073, 94.5658

Square

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



76.0969, 84.1073, 94.6617



81.0109, 84.1073, 103.2326



83.9134, 84.1073, 88.5631



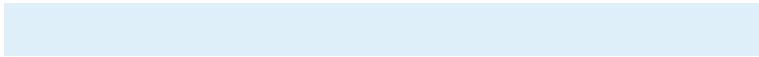
78.8815, 84.1073, 80.8364

Rectangle

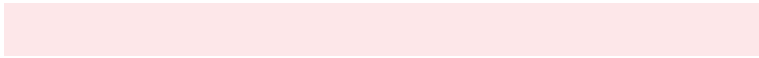
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



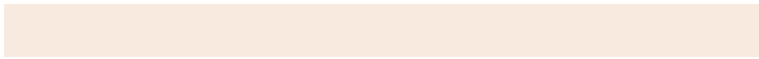
76.0969, 84.1073, 94.6617



78.2571, 84.1073, 102.5211



83.9134, 84.1073, 88.5631



81.6498, 84.1073, 81.4438

Sweetspot

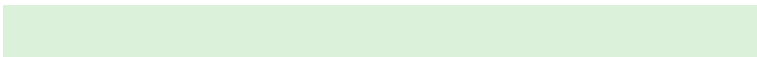
The Sweet Spot groups the original color and five complimentary colors.



76.0993, 84.1108, 94.6636



92.2376, 98.5564, 108.4881



73.3712, 83.0595, 78.4960



19.5858, 21.0146, 23.1976



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.



76.0993, 84.1108, 94.6636



85.2764, 94.9842, 107.4174



73.2711, 78.2151, 94.4585



16.2158, 17.9164, 20.1595



24.8534, 37.2334, 46.7387



2.0767, 3.1011, 3.9365

Inverse Universe

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



74.1362, 73.9603, 77.3900



82.7231, 81.7819, 84.9508



76.7733, 79.4452, 77.6190



15.8007, 15.7700, 16.5070



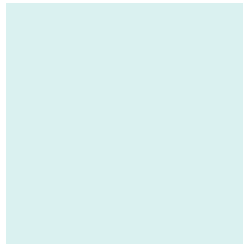
19.7154, 10.1586, 1.1517



1.6499, 0.8490, 0.1472

Previews

White Background



This preview shows how the XYZ color 76.0969, 84.1073, 94.6617 looks on a white background.

Color Contrast Check

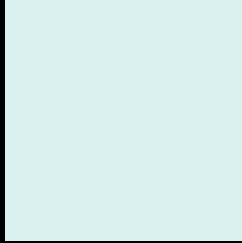
Large Text (above 18pt) WCAG AA × Fail

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 76.0969, 84.1073, 94.6617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

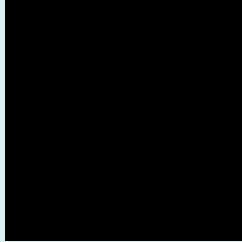
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

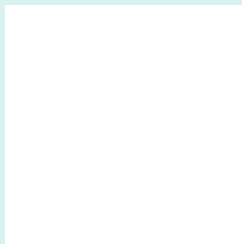
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0969, 84.1073, 94.6617

Background



This preview shows how black text looks on a background with the XYZ color 76.0969, 84.1073, 94.6617.



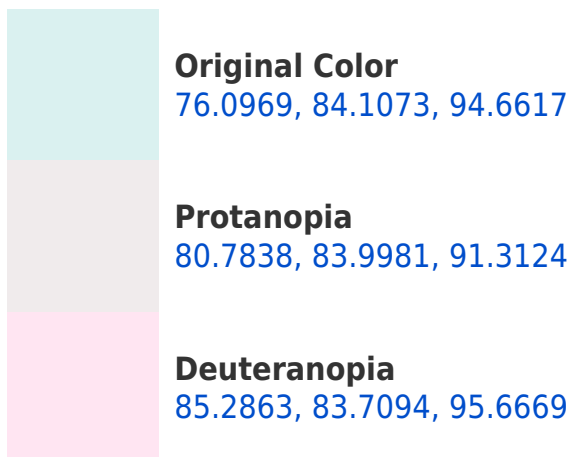
This preview shows how white text looks on a background with the XYZ color 76.0969, 84.1073,

94.6617.

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

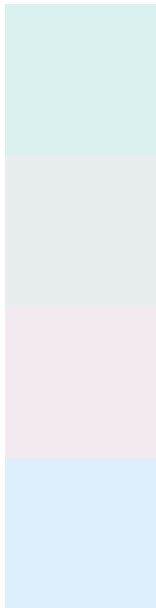




Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

76.0969, 84.1073, 94.6617

Protanomaly

78.8490, 83.8386, 92.1474

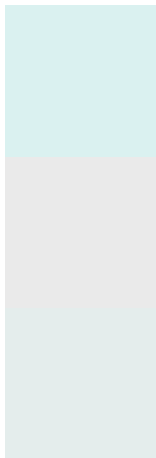
Deuteranomaly

81.6340, 83.5059, 95.0348

Tritanomaly

77.9406, 84.0073, 102.5496

Monochromacy



Original Color

76.0969, 84.1073, 94.6617

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.4194, 83.1185, 91.3199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0969, 84.1073, 94.6617 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, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 240)  
}
```

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, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.0969, 84.1073, 94.6617 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, 241, 240) }
```


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

```
.border{ border-color:rgb(218, 241, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0969, 84.1073, 94.6617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 240) }
```

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

```
.background{ background-color: rgb(218,  
241, 240) }
```

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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