

Converting Colors

XYZ(77.0657, 87.2529,
102.0959)

Have a look what the booklet for
XYZ(77.0657, 87.2529, 102.0959)
contains.

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Color

**XYZ(76.9380, 87.0627,
102.3723)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F7F9
RGB	210, 247, 249
RGB Percent	82%, 97%, 98%
CMY	0.1765, 0.0314, 0.0235
CMYK	0.16, 0.01, 0.00, 0.02
HSL	183°, 76%, 90%
HSV	183°, 16%, 98%
XYZ	76.9380, 87.0627, 102.3723
YIQ	236.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

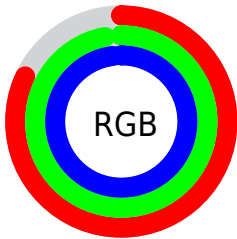
Format	Color
R _Y B	210, 229, 249
Decimal	13826041
CIE Lab	94.76, -11.45, -4.96
CIE LCh	95, 12.478, 203.409
Yxy	87.0627, 0.2888, 0.3268
Android (android.graphics.Color)	4292016121 (0xFFD2F7F9)
YUV	236.1650, 6.3277, -22.9467
Hunter-Lab	93.3074, -16.1031, 0.2651

Details

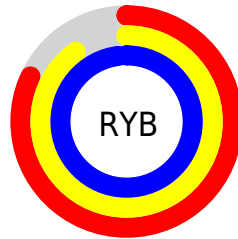
The XYZ color **76.9380, 87.0627, 102.3723** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.2440, 71.8799, 70.9355**, and the grayscale version is **79.8227, 83.9797, 91.4539**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7740, 48.0804, 57.5308** is the 20% darker color. If you saturate the color by 10%, you get **70.0052, 82.9142, 101.9384**, and if you desaturate by 10%, it is **84.9815, 91.7923, 102.8627**.

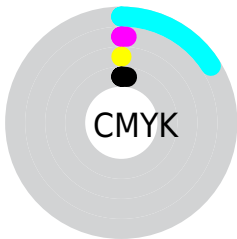
Distribution



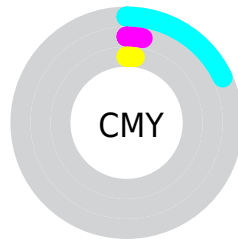
- Red (82%)
- Green (97%)
- Blue (98%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9380, 87.0627, 102.3723 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 76.9380, 87.0627, 102.3723 by changing the saturation by 10% instead.

76.9380, 87.0627,
102.3723

76.9380, 87.0627,
102.3723

473.4478,
518.4289, 589.0835

57.5017, 65.5471,
77.6553

128.0253,
143.2515, 166.4937

41.6499, 47.9048,
57.2761

160.4070,
178.6935, 206.7352

29.0172, 33.7515,
40.8161

197.8346,
219.5465, 252.9886

19.2382, 22.7028,
27.8568

240.6733,
266.1947, 305.6725

11.9475, 14.3742,
17.9797

289.2887,
319.0227, 365.2054

6.7799, 8.3814,
10.7661

344.0460,

3.3699, 4.3399,

378.4148, 432.0058

5.7976

405.3106,
444.7554, 506.4924

■ 1.3523, 1.8655,
2.6556

■ 0.2218, 0.5275,
0.9210

■ 76.9380, 87.0627,
102.3723

■ 76.9380, 87.0627,
102.3723

■ 70.0052, 82.9142,
101.9384

■ 84.9815, 91.7923,
102.8627

■ 64.1247, 79.3099,
101.5526

■ 92.3866, 96.1945,
103.3221

■ 59.2441, 76.2250,
101.2144

■ 92.7831, 96.9876,
103.4543

■ 55.3038, 73.6287,
100.9209

■ 93.1824, 97.7861,
103.5873

■ 52.2373, 71.4868,
100.6691

■ 93.5843, 98.5899,
103.7213

■ 49.9700, 69.7609,
100.4555

■ 93.9889, 99.3992,
103.8562

■ 48.4145, 68.4058,
100.2759

■ 94.0992, 99.6197,
103.8929

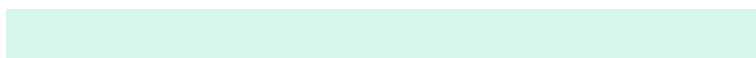
■ 47.4627, 67.3658,
100.1253

■ 47.1676, 66.9766,
100.0658

Harmonies

Analogous

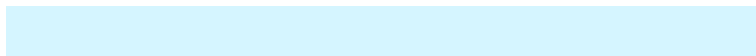
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4711, 87.0627, 92.6798



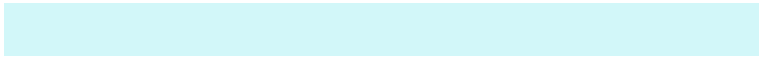
76.9380, 87.0627, 102.3723



78.9429, 87.0627, 110.5124

Triad

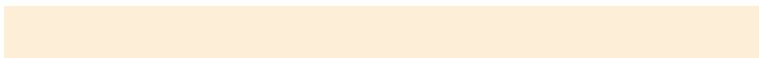
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9380, 87.0627, 102.3723



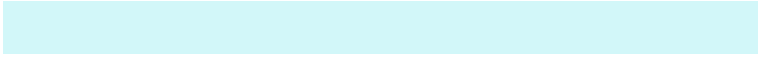
88.0701, 87.0627, 106.3099



83.4974, 87.0627, 77.5097

Complementary

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



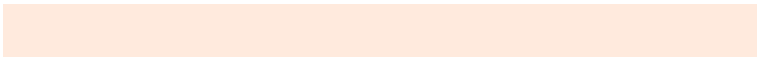
76.9380, 87.0627, 102.3723



74.2440, 71.8799, 70.9355

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.



86.6786, 87.0627, 80.6459



76.9380, 87.0627, 102.3723



89.3646, 87.0627, 96.9452

Square

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



76.9380, 87.0627, 102.3723



85.3551, 87.0627, 112.8916



88.8486, 87.0627, 87.6039



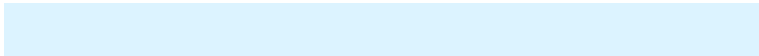
80.1994, 87.0627, 78.7463

Rectangle

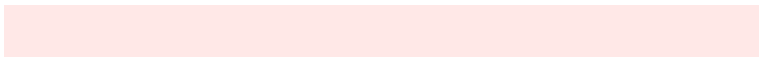
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9380, 87.0627, 102.3723



80.9117, 87.0627, 113.7430



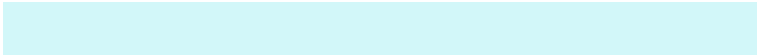
88.8486, 87.0627, 87.6039



84.6169, 87.0627, 78.0802

Sweetspot

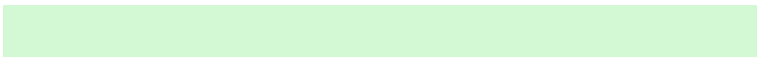
The Sweet Spot groups the original color and five complimentary colors.



76.9405, 87.0663, 102.3743



90.3059, 97.2457, 108.6184



72.3329, 86.2055, 75.0829



19.1918, 20.7345, 23.2406



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

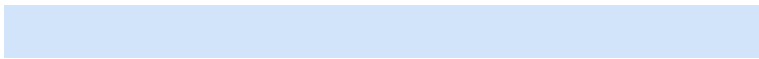
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9405, 87.0663, 102.3743



78.6303, 90.3682, 107.9063



71.2986, 75.7824, 100.4936



17.6852, 19.4473, 22.2069



25.2807, 35.9169, 53.5738



2.3641, 3.3719, 4.9694

Inverse Universe

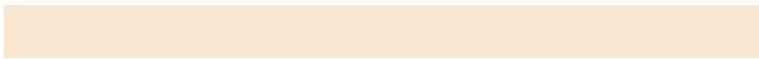
The Inverse Universe completely reimagines the original color for something new.



78.9040, 72.9502, 97.9219



81.0971, 72.7292, 102.2915



79.4033, 82.1986, 72.6553



17.9524, 17.5083, 21.6051



29.0525, 14.0367, 43.8466



2.7022, 1.3046, 4.1213

Previews

White Background



This preview shows how the XYZ color 76.9380, 87.0627, 102.3723 looks on a white background.

Color Contrast Check

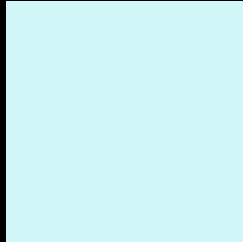
Large Text (above 18pt) WCAG AA × Fail

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 76.9380, 87.0627, 102.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

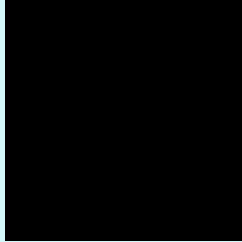
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9380, 87.0627, 102.3723

Background



This preview shows how black text looks on a background with the XYZ color 76.9380, 87.0627, 102.3723.

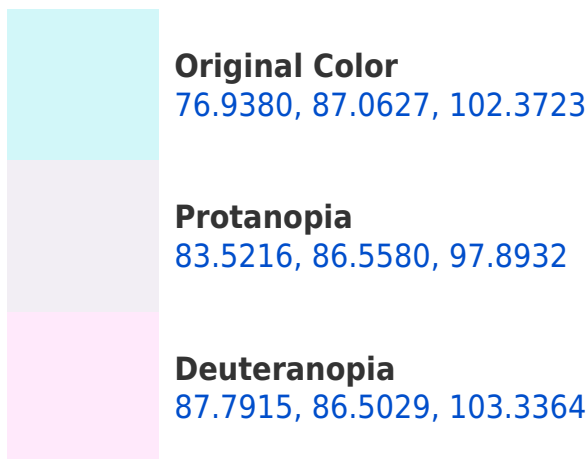


This preview shows how white text looks on a background with the XYZ color 76.9380, 87.0627,

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

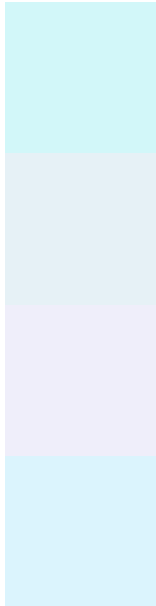




Tritanopia

80.8411, 87.1685, 107.1722

Trichromacy



Original Color

76.9380, 87.0627, 102.3723

Protanomaly

80.7230, 86.3874, 99.6087

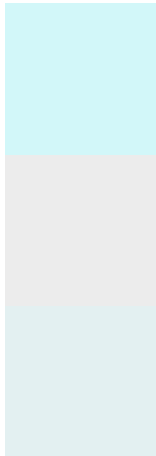
Deuteranomaly

83.4265, 86.4019, 102.7227

Tritanomaly

79.2937, 86.8533, 105.5136

Monochromacy



Original Color

76.9380, 87.0627, 102.3723

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.7158, 85.0019, 95.4773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9380, 87.0627, 102.3723 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(210, 247, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 247, 249)  
}
```

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(210, 247, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 247, 249) }
```

Border

The CSS property to change the border of an element to XYZ 76.9380, 87.0627, 102.3723 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(210, 247, 249) }
```


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

```
.border{ border-color:rgb(210, 247, 249) }
```

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

Here you see how a box with a 4 pixel rgb(210, 247, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 247, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 247, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 247,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9380, 87.0627, 102.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 247, 249) }
```

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

```
.background{ background-color: rgb(210,  
247, 249) }
```

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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