

Converting Colors

XYZ(76.8531, 87.2083,
101.0285)

Have a look what the booklet for
XYZ(76.8531, 87.2083, 101.0285)
contains.

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Color

**XYZ(76.6276, 86.9386,
100.7378)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2F7F7 |
| RGB | 210, 247, 247 |
| RGB Percent | 82%, 97%, 97% |
| CMY | 0.1765, 0.0314, 0.0314 |
| CMYK | 0.15, 0.00, 0.00, 0.03 |
| HSL | 180°, 70%, 90% |
| HSV | 180°, 15%, 97% |
| XYZ | 76.6276, 86.9386, 100.7378 |
| YIQ | 235.9370, -22.0520, -7.8440 |

Conversions

Conversions Part 2

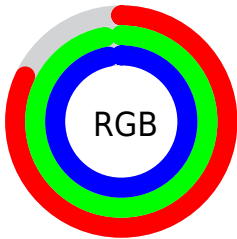
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 210, 229, 247 |
| Decimal | 13826039 |
| CIE Lab | 94.71, -11.85, -4.00 |
| CIE LCh | 95, 12.508, 198.650 |
| Yxy | 86.9386, 0.2899, 0.3289 |
| Android (android.graphics.Color) | 4292016119 (0xFFD2F7F7) |
| YUV | 235.9370, 5.4541, -22.7467 |
| Hunter-Lab | 93.2409, -16.4759, 1.2115 |

Details

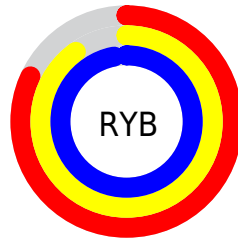
The XYZ color **76.6276, 86.9386, 100.7378** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0403, 70.5228, 70.7392**, and the grayscale version is **79.6544, 83.8026, 91.2610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5523, 47.9918, 56.3635** is the 20% darker color. If you saturate the color by 10%, you get **70.1312, 83.5919, 100.4337**, and if you desaturate by 10%, it is **84.2144, 90.8520, 101.0966**.

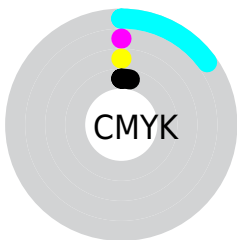
Distribution



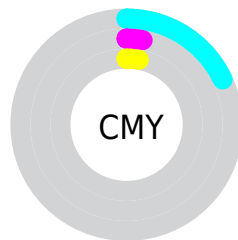
- Red (82%)
- Green (97%)
- Blue (97%)



- Red (82%)
- Yellow (90%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6276, 86.9386, 100.7378 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 76.6276, 86.9386, 100.7378 by changing the saturation by 10% instead.

76.6276, 86.9386,
100.7378

76.6276, 86.9386,
100.7378

472.4048,
518.0211, 583.8224

57.2461, 65.4444,
76.2965

127.5893,
143.0786, 164.2314

41.4438, 47.8215,
56.1676

159.9003,
178.4931, 204.1209

28.8552, 33.6856,
39.9324

197.2518,
219.3165, 249.9968

19.1151, 22.6521,
27.1725

240.0091,
265.9333, 302.2777

11.8579, 14.3369,
17.4692

288.5378,
318.7277, 361.3822

6.7185, 8.3553,
10.4041

343.2031,

3.3315, 4.3231,

378.0842, 427.7288

5.5586

404.3703,
444.3872, 501.7360

■ 1.3314, 1.8559,
2.5142

■ 0.2065, 0.5217,
0.8477

■ 76.6276, 86.9386,
100.7378

■ 76.6276, 86.9386,
100.7378

■ 70.1312, 83.5919,
100.4337

■ 84.2144, 90.8520,
101.0966

■ 64.6681, 80.7756,
100.1761

■ 91.2919, 94.5005,
101.4297

■ 60.1873, 78.4657,
99.9645

■ 91.2922, 94.5007,
101.4316

■ 56.6304, 76.6322,
99.7962

■ 91.2926, 94.5008,
101.4336

■ 53.9332, 75.2417,
99.6680

■ 91.2930, 94.5010,
101.4355

■ 52.0230, 74.2570,
99.5767

■ 91.2933, 94.5011,
101.4374

■ 50.8151, 73.6344,
99.5183

■ 91.2937, 94.5013,
101.4393

■ 50.2055, 73.3201,
99.4879

■ 91.2940, 94.5014,
101.4412

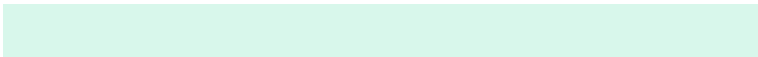
■ 50.0480, 73.2390,
99.4796

■ 91.2944, 94.5015,
101.4431

Harmonies

Analogous

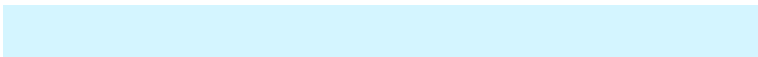
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4242, 86.9386, 91.0460



76.6276, 86.9386, 100.7378



78.4136, 86.9386, 109.3294

Triad

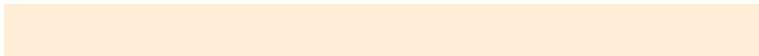
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6276, 86.9386, 100.7378



87.6069, 86.9386, 107.4956



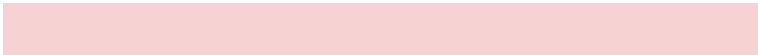
83.9179, 86.9386, 77.5633

Complementary

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



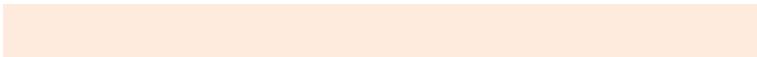
76.6276, 86.9386, 100.7378



73.0403, 70.5228, 70.7392

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.



87.0001, 86.9386, 81.3677



76.6276, 86.9386, 100.7378



89.1683, 86.9386, 98.3712

Square

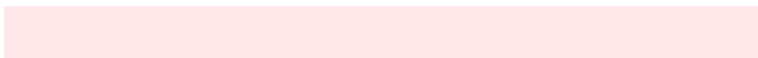
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6276, 86.9386, 100.7378



84.7279, 86.9386, 113.4107



88.9433, 86.9386, 88.8343



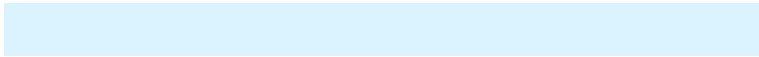
80.5720, 86.9386, 78.1015

Rectangle

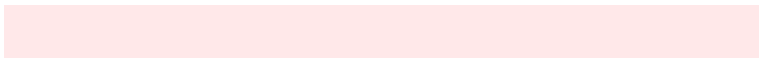
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



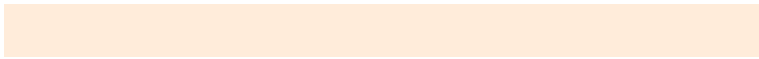
76.6276, 86.9386, 100.7378



80.2894, 86.9386, 113.0727



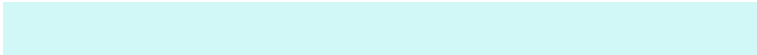
88.9433, 86.9386, 88.8343



85.0208, 86.9386, 78.3656

Sweetspot

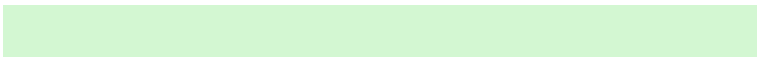
The Sweet Spot groups the original color and five complimentary colors.



76.6301, 86.9422, 100.7397



91.3963, 98.1165, 108.7282



71.6504, 84.9707, 73.5988



19.4202, 20.9276, 23.2656



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.



76.6301, 86.9422, 100.7397



80.1321, 92.3096, 108.1982



71.4209, 76.5230, 99.0061



16.9967, 18.7578, 21.2670



26.4675, 38.7318, 52.6091



2.3263, 3.4042, 4.6239

Inverse Universe

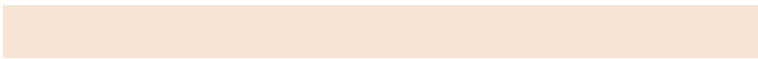
The Inverse Universe completely reimagines the original color for something new.



73.0403, 70.5228, 70.7392



75.5866, 71.5186, 70.2100



77.7051, 79.8530, 72.2919



16.4993, 16.4826, 17.1097



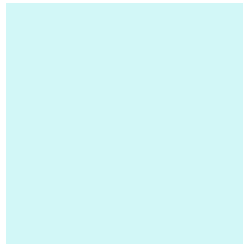
20.2863, 10.4579, 0.9499



1.7830, 0.9192, 0.0836

Previews

White Background



This preview shows how the XYZ color 76.6276, 86.9386, 100.7378 looks on a white background.

Color Contrast Check

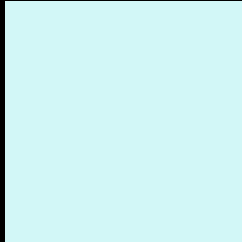
Large Text (above 18pt) WCAG AA × Fail

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 76.6276, 86.9386, 100.7378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

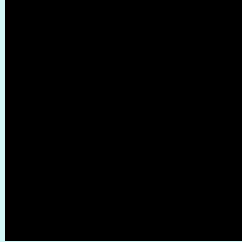
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6276, 86.9386, 100.7378

Background



This preview shows how black text looks on a background with the XYZ color 76.6276, 86.9386, 100.7378.



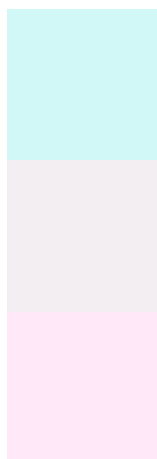
This preview shows how white text looks on a background with the XYZ color 76.6276, 86.9386,

100.7378.

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

76.6276, 86.9386, 100.7378

Protanopia

83.5637, 86.6146, 96.3184

Deuteranopia

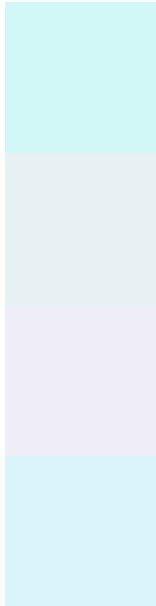
87.3222, 86.3151, 100.8650



Tritanopia

80.5320, 87.0092, 107.1577

Trichromacy



Original Color

76.6276, 86.9386, 100.7378

Protanomaly

80.7394, 86.4312, 98.0154

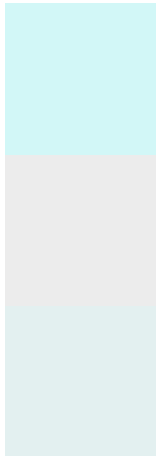
Deuteranomaly

83.1144, 86.2771, 101.0795

Tritanomaly

78.8348, 86.6351, 104.6627

Monochromacy



Original Color

76.6276, 86.9386, 100.7378

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.5668, 84.9423, 94.6927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6276, 86.9386, 100.7378 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, 247)` looks like.

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

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, 247) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 76.6276, 86.9386, 100.7378 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, 247) }
```


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

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

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, 247)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 76.6276, 86.9386, 100.7378 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, 247) }
```

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

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

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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