

Converting Colors

XYZ(76.6050, 86.0521,
100.6099)

Have a look what the booklet for
XYZ(76.6050, 86.0521, 100.6099)
contains.

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Color

**XYZ(76.5923, 86.0173,
100.5618)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F5F7
RGB	212, 245, 247
RGB Percent	83%, 96%, 97%
CMY	0.1686, 0.0392, 0.0314
CMYK	0.14, 0.01, 0.00, 0.03
HSL	183°, 69%, 90%
HSV	183°, 14%, 97%
XYZ	76.5923, 86.0173, 100.5618
YIQ	235.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

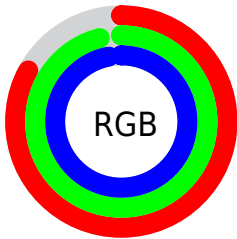
Format	Color
R _Y B	212, 229, 247
Decimal	13956599
CIE Lab	94.32, -10.23, -4.56
CIE LCh	94, 11.203, 204.036
Yxy	86.0173, 0.2910, 0.3268
Android (android.graphics.Color)	4292146679 (0xFFD4F5F7)
YUV	235.3610, 5.7380, -20.4876
Hunter-Lab	92.7455, -14.8935, 0.6351

Details

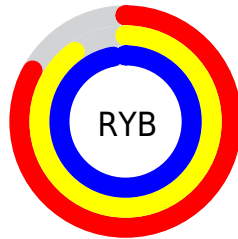
The XYZ color **76.5923, 86.0173, 100.5618** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.2886, 72.6205, 72.3906**, and the grayscale version is **79.2114, 83.3366, 90.7536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5062, 47.3249, 56.2372** is the 20% darker color. If you saturate the color by 10%, you get **69.5856, 81.7771, 100.1140**, and if you desaturate by 10%, it is **84.6964, 90.8326, 101.0655**.

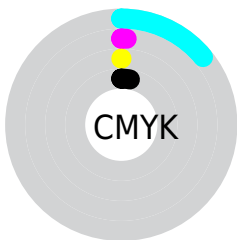
Distribution



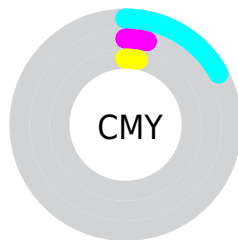
- Red (83%)
- Green (96%)
- Blue (97%)



- Red (83%)
- Yellow (90%)
- Blue (97%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5923, 86.0173, 100.5618 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 76.5923, 86.0173, 100.5618 by changing the saturation by 10% instead.

76.5923, 86.0173,
100.5618

76.5923, 86.0173,
100.5618

472.2861,
514.9883, 583.2544

57.2171, 64.6823,
76.1503

127.5397,
141.7936, 163.9876

41.4204, 47.2035,
56.0484

159.8426,
177.0037, 203.8390

28.8368, 33.1966,
39.8375

197.1854,
217.6076, 249.6741

19.1011, 22.2771,
27.0990

239.9336,
263.9898, 301.9115

11.8478, 14.0606,
17.4145

288.4524,
316.5345, 360.9697

6.7116, 8.1628,
10.3654

343.1071,

3.3271, 4.1993,

375.6262, 427.2672

5.5331

404.2633,
441.6493, 501.2226

■ 1.3290, 1.7857,
2.4992

■ 0.2048, 0.4782,
0.8397

■ 76.5923, 86.0173,
100.5618

■ 76.5923, 86.0173,
100.5618

■ 69.5856, 81.7771,
100.1140

■ 84.6964, 90.8326,
101.0655

■ 63.6196, 78.0759,
99.7141

■ 91.5418, 95.0016,
101.5094

■ 58.6435, 74.8899,
99.3614

■ 91.9762, 95.8704,
101.6542

■ 54.5996, 72.1892,
99.0532

■ 92.4139, 96.7457,
101.8001

■ 51.4240, 69.9409,
98.7866

■ 92.8548, 97.6276,
101.9471

■ 49.0447, 68.1079,
98.5582

■ 93.2991, 98.5161,
102.0951

■ 47.3785, 66.6472,
98.3641

■ 93.7466, 99.4111,
102.2443

■ 46.3232, 65.5063,
98.1995

■ 93.7888, 99.4955,
102.2584

■ 45.9029, 64.9437,
98.1131

Harmonies

Analogous

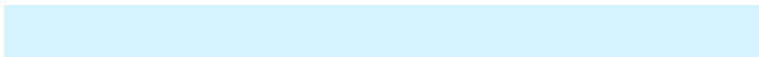
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1434, 86.0173, 91.9493



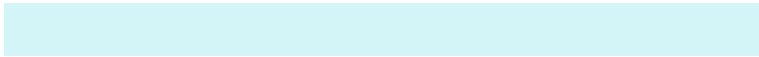
76.5923, 86.0173, 100.5618



78.4101, 86.0173, 107.7013

Triad

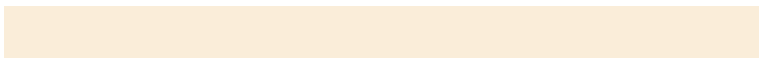
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5923, 86.0173, 100.5618



86.5236, 86.0173, 103.7169



82.3587, 86.0173, 78.1443

Complementary

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



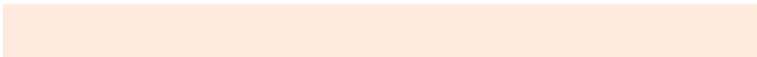
76.5923, 86.0173, 100.5618



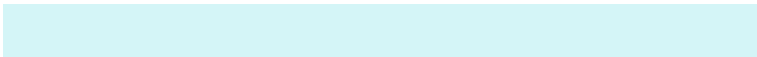
74.2886, 72.6205, 72.3906

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.



85.1975, 86.0173, 80.8922



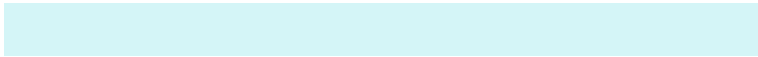
76.5923, 86.0173, 100.5618



87.6397, 86.0173, 95.3881

Square

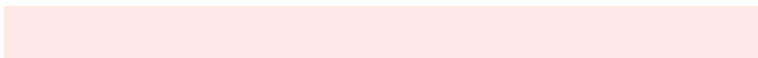
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5923, 86.0173, 100.5618



84.1331, 86.0173, 109.5996



87.1485, 86.0173, 87.0780



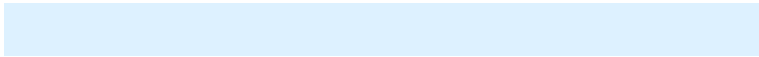
79.4258, 86.0173, 79.3428

Rectangle

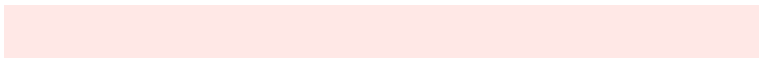
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



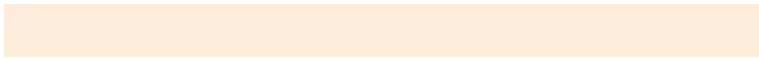
76.5923, 86.0173, 100.5618



80.1779, 86.0173, 110.4868



87.1485, 86.0173, 87.0780



83.3564, 86.0173, 78.6316

Sweetspot

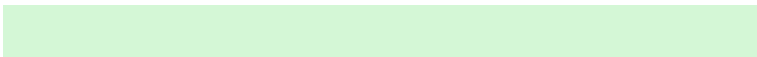
The Sweet Spot groups the original color and five complimentary colors.



76.5948, 86.0209, 100.5637



91.2111, 97.7459, 108.6672



72.5193, 85.3623, 76.1070



19.3731, 20.8334, 23.2501



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

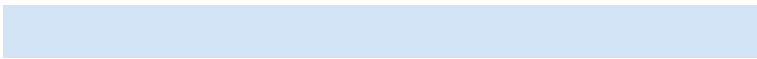
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5948, 86.0209, 100.5637



80.0768, 91.1175, 107.9747



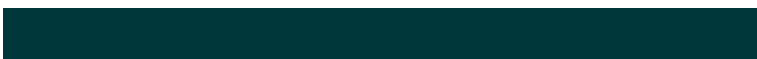
71.6160, 76.0633, 98.9041



16.9110, 18.5863, 21.2388



24.3126, 34.4189, 51.9001



2.1611, 3.0735, 4.5696

Inverse Universe

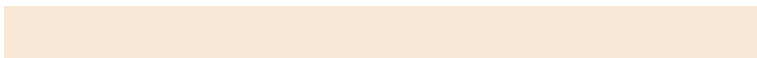
The Inverse Universe completely reimagines the original color for something new.



78.3846, 73.4555, 96.4374



82.3505, 75.2339, 102.7154



78.8888, 81.8210, 73.9240



17.1704, 16.7510, 20.6439



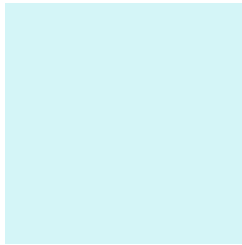
28.0764, 13.5740, 41.9721



2.4799, 1.1979, 3.7533

Previews

White Background



This preview shows how the XYZ color 76.5923, 86.0173, 100.5618 looks on a white background.

Color Contrast Check

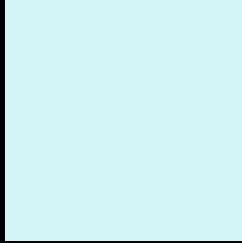
Large Text (above 18pt) WCAG AA × Fail

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 76.5923, 86.0173, 100.5618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

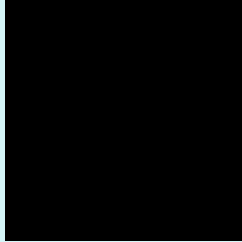
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5923, 86.0173, 100.5618

Background



This preview shows how black text looks on a background with the XYZ color 76.5923, 86.0173, 100.5618.



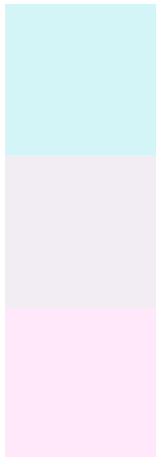
This preview shows how white text looks on a background with the XYZ color 76.5923, 86.0173,

100.5618.

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

76.5923, 86.0173, 100.5618

Protanopia

82.5868, 85.6800, 96.1895

Deuteranopia

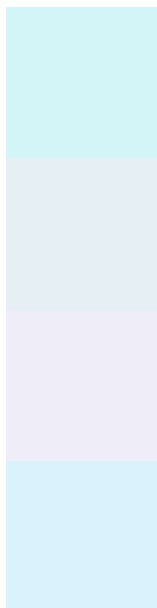
87.1955, 85.8128, 101.5904



Tritanopia

79.6295, 85.6602, 106.9449

Trichromacy



Original Color

76.5923, 86.0173, 100.5618

Protanomaly

80.1223, 85.6748, 97.9019

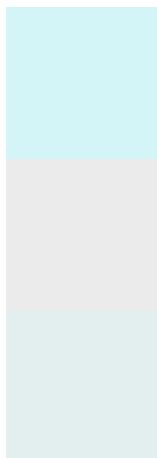
Deuteranomaly

82.8241, 85.6964, 100.9827

Tritanomaly

78.2363, 85.4380, 104.4631

Monochromacy



Original Color

76.5923, 86.0173, 100.5618

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.1250, 84.2959, 93.8145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5923, 86.0173, 100.5618 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(212, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 245, 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(212, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 245, 247) }
```

Border

The CSS property to change the border of an element to XYZ 76.5923, 86.0173, 100.5618 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(212, 245, 247) }
```


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

```
.border{ border-color:rgb(212, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 245,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5923, 86.0173, 100.5618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 245, 247) }
```

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

```
.background{ background-color: rgb(212,  
245, 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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