

Converting Colors

XYZ(76.2740, 87.0247, 91.4575)

Have a look what the booklet for
XYZ(76.2740, 87.0247, 91.4575)
contains.

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Color

**XYZ(76.2805, 86.9668,
91.3631)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F7EB
RGB	215, 247, 235
RGB Percent	84%, 97%, 92%
CMY	0.1569, 0.0314, 0.0784
CMYK	0.13, 0.00, 0.05, 0.03
HSL	157°, 67%, 91%
HSV	157°, 13%, 97%
XYZ	76.2805, 86.9668, 91.3631
YIQ	236.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

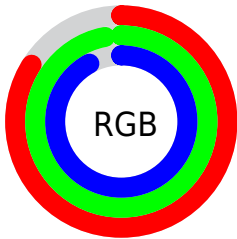
Format	Color
R _Y B	215, 235, 247
Decimal	14153707
CIE Lab	94.72, -12.61, 2.26
CIE LCh	95, 12.808, 169.820
Yxy	86.9668, 0.2996, 0.3416
Android (android.graphics.Color)	4292343787 (0xFFD7F7EB)
YUV	236.0640, -0.5246, -18.4731
Hunter-Lab	93.2560, -17.1905, 7.1927

Details

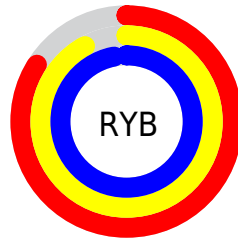
The XYZ color **76.2805, 86.9668, 91.3631** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5265, 73.9233, 82.9123**, and the grayscale version is **79.7921, 83.9475, 91.4188**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2647, 47.9899, 49.7359** is the 20% darker color. If you saturate the color by 10%, you get **68.2644, 82.9874, 84.1829**, and if you desaturate by 10%, it is **85.4663, 91.5459, 98.9656**.

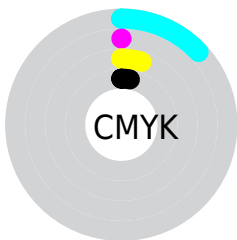
Distribution



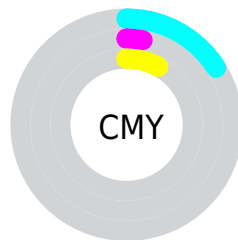
- Red (84%)
- Green (97%)
- Blue (92%)



- Red (84%)
- Yellow (92%)
- Blue (97%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (16%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2805, 86.9668, 91.3631 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 76.2805, 86.9668, 91.3631 by changing the saturation by 10% instead.


 76.2805, 86.9668,
91.3631

 76.2805, 86.9668,
91.3631


471.2370,
518.1138, 553.1392

 56.9604, 65.4677,
68.5317

127.1016,
143.1179, 151.1824

 41.2135, 47.8404,
49.8610


159.3333,
178.5386, 189.0073

 28.6743, 33.7006,
34.9326


196.5995,
219.3688, 232.6672

 18.9776, 22.6637,
23.3278

239.2657,
265.9927, 282.5805

 11.7580, 14.3453,
14.6282

287.6972,
318.7948, 339.1658

 6.6502, 8.3613,
8.4151

342.2594,

 3.2887, 4.3270,

378.1594, 402.8417

4.2702

403.3175,
444.4709, 474.0266

■ 1.3082, 1.8581,
1.7747

■ 0.1893, 0.5230,
0.4112

■ 76.2805, 86.9668,
91.3631

■ 76.2805, 86.9668,
91.3631

■ 68.2644, 82.9874,
84.1829

■ 85.4663, 91.5459,
98.9656

■ 61.3606, 79.5711,
77.4114

■ 92.3167, 94.9106,
106.8264

■ 55.5179, 76.6940,
71.0424

■ 92.5524, 95.0048,
108.0675

■ 50.6780, 74.3262,
65.0674

■ 46.7767, 72.4346,
59.4777

■ 43.7421, 70.9825,
54.2636

■ 41.4912, 69.9271,
49.4152

■ 39.9237, 69.2169,
44.9214

■ 39.1252, 68.8700,
41.9606

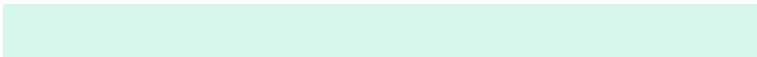
Harmonies

Analogous

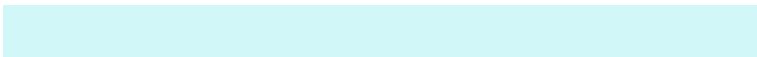
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6783, 86.9668, 82.9194



76.2805, 86.9668, 91.3631



76.5552, 86.9668, 101.3026

Triad

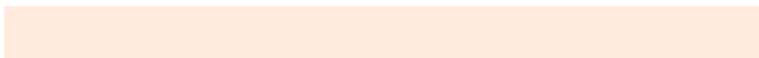
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2805, 86.9668, 91.3631



84.9364, 86.9668, 113.7784



87.0280, 86.9668, 80.8638

Complementary

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



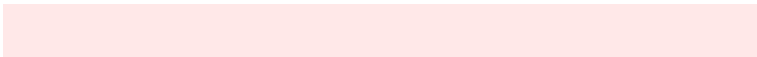
76.2805, 86.9668, 91.3631



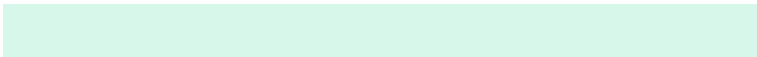
76.5265, 73.9233, 82.9123

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.



89.0796, 86.9668, 88.3755



76.2805, 86.9668, 91.3631



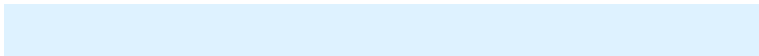
87.8489, 86.9668, 107.5293

Square

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



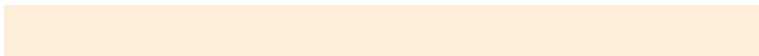
76.2805, 86.9668, 91.3631



81.4886, 86.9668, 114.7179



89.3842, 86.9668, 98.1009



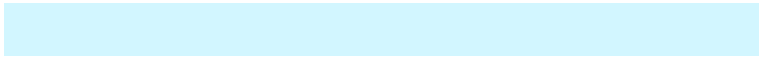
83.8412, 86.9668, 77.1440

Rectangle

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



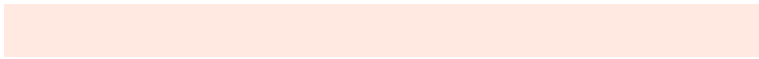
76.2805, 86.9668, 91.3631



77.6524, 86.9668, 107.4293



89.3842, 86.9668, 98.1009



87.8770, 86.9668, 83.0036

Sweetspot

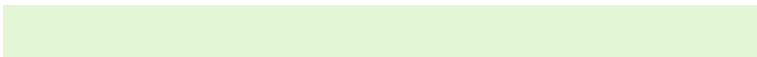
The Sweet Spot groups the original color and five complimentary colors.



76.2830, 86.9705, 91.3650



90.7865, 97.8726, 105.5172



77.2922, 87.8060, 77.1658



19.2654, 20.8657, 22.4506



0.0000, 0.0000, 0.0000



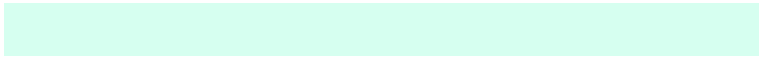
20.3446, 21.4041, 23.3091

Same Dimension

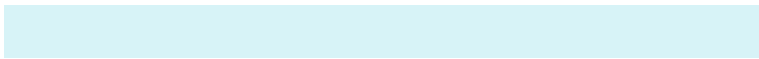
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2830, 86.9705, 91.3650



79.2332, 92.1195, 95.8071



76.9462, 85.4270, 100.4336



16.7178, 18.6462, 19.7981



20.7622, 36.4497, 22.5651



1.8745, 3.2235, 2.2451

Inverse Universe

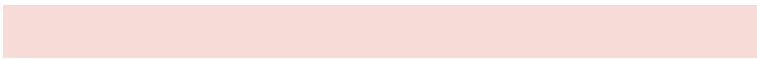
The Inverse Universe completely reimagines the original color for something new.



76.5265, 73.9233, 82.9123



79.5504, 75.1397, 84.8081



75.8883, 75.2067, 74.8078



16.7562, 16.5853, 18.4627



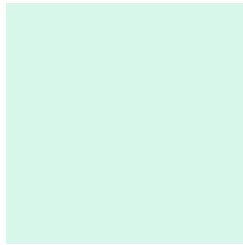
21.3860, 10.8978, 6.7409



1.9278, 0.9771, 0.8459

Previews

White Background



This preview shows how the XYZ color 76.2805, 86.9668, 91.3631 looks on a white background.

Color Contrast Check

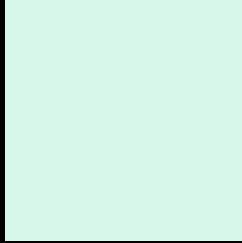
Large Text (above 18pt) WCAG AA × Fail

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 76.2805, 86.9668, 91.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

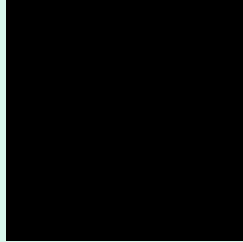
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

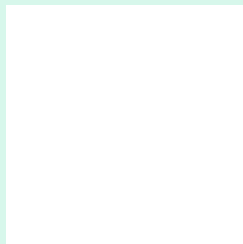
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2805, 86.9668, 91.3631

Background



This preview shows how black text looks on a background with the XYZ color 76.2805, 86.9668, 91.3631.



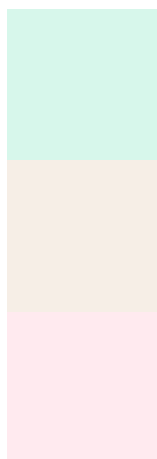
This preview shows how white text looks on a background with the XYZ color 76.2805, 86.9668,

91.3631.

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

76.2805, 86.9668, 91.3631

Protanopia

82.8635, 86.4551, 87.1830

Deuteranopia

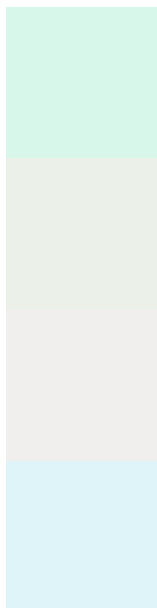
86.2428, 86.3376, 93.7807



Tritanopia

81.1662, 86.8930, 107.1019

Trichromacy



Original Color

76.2805, 86.9668, 91.3631

Protanomaly

80.2817, 86.3990, 88.7893

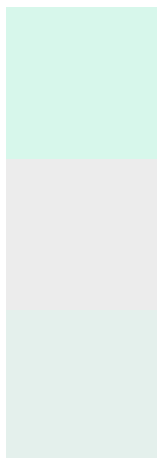
Deuteranomaly

82.2343, 86.4313, 93.2376

Tritanomaly

79.4182, 87.0083, 101.4154

Monochromacy



Original Color

76.2805, 86.9668, 91.3631

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.2953, 84.8703, 91.6119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2805, 86.9668, 91.3631 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(215, 247, 235)` looks like.

```
.text, #text, p{  
    color:rgb(215, 247, 235)  
}
```

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(215, 247, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 247, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.2805, 86.9668, 91.3631 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(215, 247, 235) }
```


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

```
.border{ border-color:rgb(215, 247, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 247, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 247, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 247, 235);  
box-shadow:4px 4px 4px 4px rgb(215, 247,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2805, 86.9668, 91.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 247, 235) }
```

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

```
.background{ background-color: rgb(215,  
247, 235) }
```

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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