

Converting Colors

XYZ(70.7278, 82.0518, 87.2690)

Have a look what the booklet for
XYZ(70.7278, 82.0518, 87.2690)
contains.

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Color

**XYZ(70.6637, 81.9139,
86.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	CBF2E6
RGB	203, 242, 230
RGB Percent	80%, 95%, 90%
CMY	0.2039, 0.0510, 0.0980
CMYK	0.16, 0.00, 0.05, 0.05
HSL	162°, 60%, 87%
HSV	162°, 16%, 95%
XYZ	70.6637, 81.9139, 86.9495
YIQ	228.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

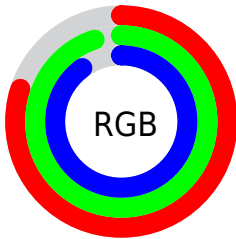
Format	Color
R _Y B	203, 226, 242
Decimal	13365990
CIE Lab	92.54, -14.88, 1.58
CIE LCh	93, 14.959, 173.935
Yxy	81.9139, 0.2950, 0.3420
Android (android.graphics.Color)	4291556070 (0xFFC _B F2E6)
YUV	228.9710, 0.5073, -22.7766
Hunter-Lab	90.5063, -19.0204, 6.3944

Details

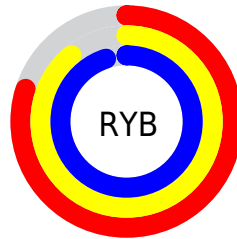
The XYZ color **70.6637, 81.9139, 86.9495** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.2426, 66.4977, 73.4269**, and the grayscale version is **74.4634, 78.3413, 85.3136**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5095, 44.5089, 47.1715** is the 20% darker color. If you saturate the color by 10%, you get **63.5574, 78.3710, 81.2744**, and if you desaturate by 10%, it is **78.8480, 86.0118, 92.9118**.

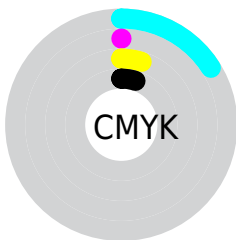
Distribution



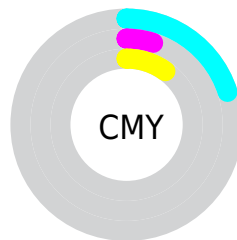
- Red (80%)
- Green (95%)
- Blue (90%)



- Red (80%)
- Yellow (89%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6637, 81.9139, 86.9495 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 70.6637, 81.9139, 86.9495 by changing the saturation by 10% instead.

70.6637, 81.9139,
86.9495

70.6637, 81.9139,
86.9495

452.1071,
501.3596, 538.3688

52.3493, 61.2946,
64.8940

119.1759,
136.0533, 144.9920

37.5090, 44.4629,
46.9244

150.1044,
170.3421, 181.8161

25.7773, 31.0346,
32.6219

185.9684,
209.9562, 224.4002

16.7889, 20.6252,
21.5682

227.1331,
255.2799, 273.1627

10.1785, 12.8503,
13.3447

273.9640,
306.6978, 328.5223

5.5806, 7.3256,
7.5328

326.8264,

2.6300, 3.6665,

364.5941, 390.8975

3.7141

386.0856,
429.3532, 460.7068

■ 0.9613, 1.4888,
1.4698

■ 0.0000, 0.2808,
0.1953

■ 70.6637, 81.9139,
86.9495

■ 70.6637, 81.9139,
86.9495

■ 63.5574, 78.3710,
81.2744

■ 78.8480, 86.0118,
92.9118

■ 57.4742, 75.3482,
75.8760

■ 88.1485, 90.6777,
99.1607

■ 52.3643, 72.8221,
70.7505

■ 90.6191, 91.8174,
105.3289

■ 48.1713, 70.7637,
65.8926

■ 91.0436, 91.9872,
107.5645

■ 44.8325, 69.1407,
61.2960

■ 42.2771, 67.9169,
56.9545

■ 40.4227, 67.0495,
52.8609

■ 39.1667, 66.4860,
49.0073

■ 38.7775, 66.3168,
47.5718

Harmonies

Analogous

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



71.9743, 81.9139, 77.1818



70.6637, 81.9139, 86.9495



71.2281, 81.9139, 98.1524

Triad

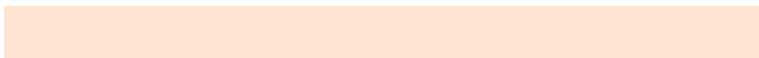
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6637, 81.9139, 86.9495



80.9261, 81.9139, 110.2032



82.3367, 81.9139, 72.9936

Complementary

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



70.6637, 81.9139, 86.9495



70.2426, 66.4977, 73.4269

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.



84.8843, 81.9139, 80.7911



70.6637, 81.9139, 86.9495



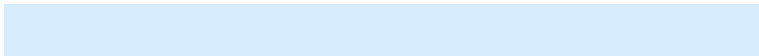
84.0512, 81.9139, 102.3839

Square

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



70.6637, 81.9139, 86.9495



77.0703, 81.9139, 112.1952



85.5220, 81.9139, 91.4693



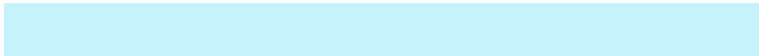
78.6484, 81.9139, 69.5669

Rectangle

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



70.6637, 81.9139, 86.9495



72.6014, 81.9139, 104.8693



85.5220, 81.9139, 91.4693



83.3597, 81.9139, 75.1576

Sweetspot

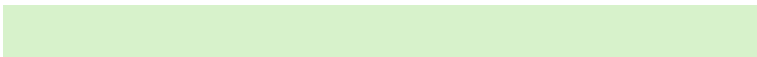
The Sweet Spot groups the original color and five complimentary colors.



70.6660, 81.9173, 86.9513



89.8884, 97.4114, 105.3944



70.6615, 82.3197, 68.6664



19.0900, 20.7750, 22.4547



0.0000, 0.0000, 0.0000



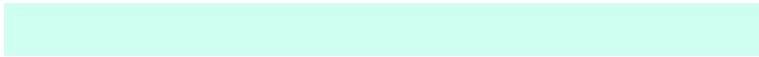
20.3446, 21.4041, 23.3091

Same Dimension

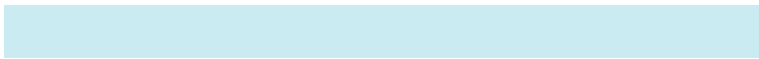
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6660, 81.9173, 86.9513



77.1080, 91.0173, 96.0117



70.3237, 78.4413, 95.4425



16.0282, 17.8413, 19.1713



20.8946, 35.6498, 25.8915



1.7825, 2.9834, 2.3871

Inverse Universe

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



70.2426, 66.4977, 73.4269



76.5566, 70.9130, 78.3815



70.4838, 69.3587, 66.1740



15.9731, 15.8389, 17.4145



20.3977, 10.4315, 4.7447



1.7397, 0.8849, 0.6204

Previews

White Background



This preview shows how the XYZ color 70.6637, 81.9139, 86.9495 looks on a white background.

Color Contrast Check

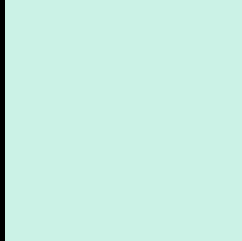
Large Text (above 18pt) WCAG AA × Fail

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 70.6637, 81.9139, 86.9495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

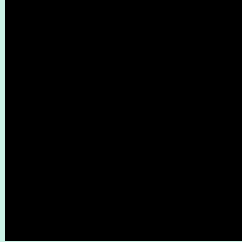
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

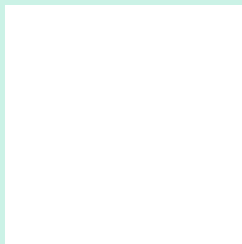
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6637, 81.9139, 86.9495

Background



This preview shows how black text looks on a background with the XYZ color 70.6637, 81.9139, 86.9495.



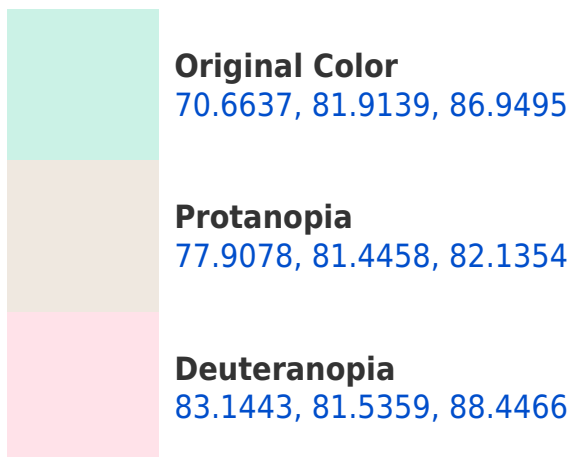
This preview shows how white text looks on a background with the XYZ color 70.6637, 81.9139,

86.9495.

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

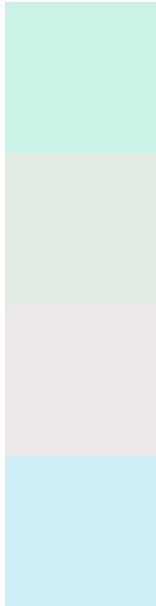




Tritanopia

75.2029, 82.0707, 106.4854

Trichromacy



Original Color

70.6637, 81.9139, 86.9495

Protanomaly

75.0870, 81.6506, 83.7542

Deuteranomaly

78.0142, 81.3723, 87.9386

Tritanomaly

73.2332, 81.6522, 99.0894

Monochromacy



Original Color

70.6637, 81.9139, 86.9495

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.0809, 79.7184, 85.6642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6637, 81.9139, 86.9495 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(203, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(203, 242, 230)  
}
```

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(203, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 242, 230) }
```

Border

The CSS property to change the border of an element to XYZ 70.6637, 81.9139, 86.9495 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(203, 242, 230) }
```


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

```
.border{ border-color:rgb(203, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(203, 242,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6637, 81.9139, 86.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 242, 230) }
```

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

```
.background{ background-color: rgb(203,  
242, 230) }
```

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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