

# Converting Colors

XYZ(74.4709, 86.3880, 93.1431)

Have a look what the booklet for  
XYZ(74.4709, 86.3880, 93.1431)  
contains.

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# Color

**XYZ(74.5856, 86.5146,  
92.8887)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFF8ED
RGB	207, 248, 237
RGB Percent	81%, 97%, 93%
CMY	0.1882, 0.0274, 0.0706
CMYK	0.17, 0.00, 0.04, 0.03
HSL	164°, 75%, 89%
HSV	164°, 17%, 97%
XYZ	74.5856, 86.5146, 92.8887
YIQ	234.4870, -20.9050, -12.1130

# Conversions

## Conversions Part 2

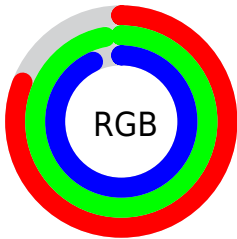
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 231, 248
Decimal	13629677
CIE Lab	94.53, -15.25, 0.89
CIE LCh	95, 15.271, 176.666
Yxy	86.5146, 0.2937, 0.3406
Android (android.graphics.Color)	4291819757 (0xFFCFF8ED)
YUV	234.4870, 1.2389, -24.1061
Hunter-Lab	93.0132, -19.6373, 5.8986

# Details

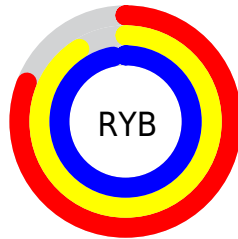
The XYZ color **74.5856, 86.5146, 92.8887** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.6822, 69.6464, 75.8931**, and the grayscale version is **78.5801, 82.6723, 90.0302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1390, 47.7109, 50.8096** is the 20% darker color. If you saturate the color by 10%, you get **67.2397, 82.8403, 87.5641**, and if you desaturate by 10%, it is **83.0608, 90.7716, 98.4582**.

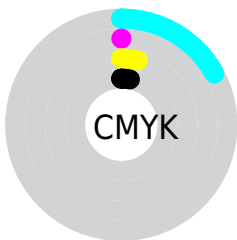
# Distribution



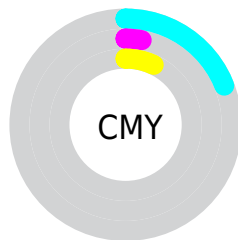
- Red (81%)
- Green (97%)
- Blue (93%)



- Red (81%)
- Yellow (91%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (19%)
- Magenta (3%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5856, 86.5146, 92.8887 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 74.5856, 86.5146, 92.8887 by changing the saturation by 10% instead.



74.5856, 86.5146,  
92.8887

74.5856, 86.5146,  
92.8887

465.5112,  
516.6265, 558.1943

55.5664, 65.0936,  
69.7918

124.7166,  
142.4874, 153.3149

40.0911, 47.5370,  
50.8811

156.5592,  
177.8079, 191.4813

27.7941, 33.4604,  
35.7379

193.4070,  
218.5305, 235.5080

18.3101, 22.4793,  
23.9438

235.6253,  
265.0394, 285.8135

11.2739, 14.2095,  
15.0801

283.5796,  
317.7190, 342.8163

6.3200, 8.2665,  
8.7284

337.6350,

3.0831, 4.2660,

376.9538, 406.9350

4.4701

398.1571,  
443.1282, 478.5882

■ 1.1979, 1.8234,  
1.8866

■ 0.1047, 0.5017,  
0.4842

■ 74.5856, 86.5146,  
92.8887

■ 74.5856, 86.5146,  
92.8887

■ 67.2397, 82.8403,  
87.5641

■ 83.0608, 90.7716,  
98.4582

■ 60.9647, 79.7116,  
82.4743

■ 92.1133, 95.3197,  
104.2432

■ 55.7080, 77.1037,  
77.6165

■ 92.8590, 95.6180,  
108.1697

■ 51.4094, 74.9857,  
72.9858

■ 48.0024, 73.3234,  
68.5769

■ 45.4116, 72.0779,  
64.3843

■ 43.5487, 71.2038,  
60.4015

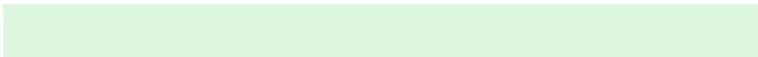
■ 42.3031, 70.6440,  
56.6212

■ 41.9559, 70.4927,  
55.3547

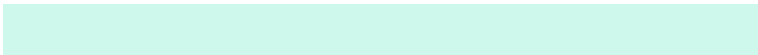
# Harmonies

## Analogous

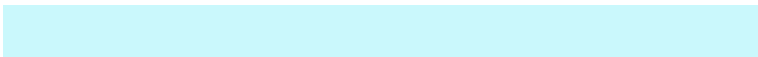
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7986, 86.5146, 82.2953



74.5856, 86.5146, 92.8887



75.3638, 86.5146, 104.7326

# Triad

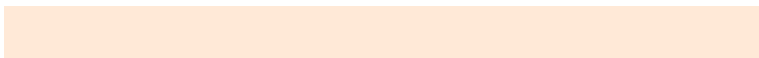
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5856, 86.5146, 92.8887



85.8295, 86.5146, 115.9206



86.6517, 86.5146, 76.5181

# Complementary

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



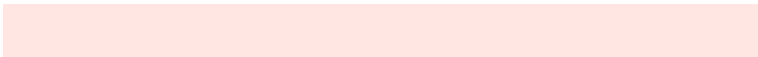
74.5856, 86.5146, 92.8887



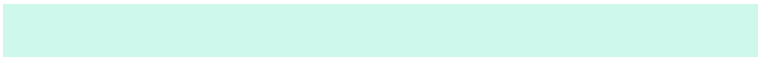
73.6822, 69.6464, 75.8931

# 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.



89.5001, 86.5146, 84.3978



74.5856, 86.5146, 92.8887



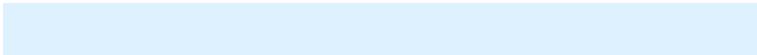
89.0143, 86.5146, 107.2001

# Square

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



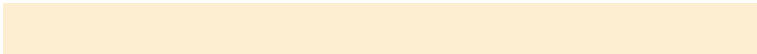
74.5856, 86.5146, 92.8887



81.7705, 86.5146, 118.6638



90.3787, 86.5146, 95.5230

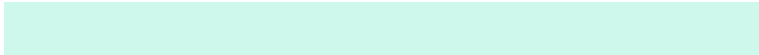


82.6903, 86.5146, 73.3527

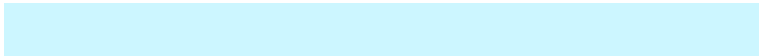


# Rectangle

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



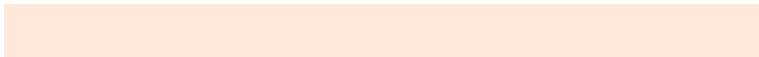
74.5856, 86.5146, 92.8887



76.9217, 86.5146, 111.6500



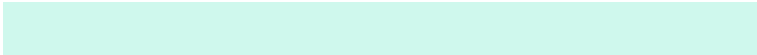
90.3787, 86.5146, 95.5230



87.7761, 86.5146, 78.6695

# Sweetspot

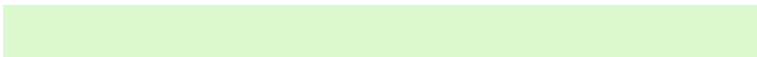
The Sweet Spot groups the original color and five complimentary colors.



74.5881, 86.5182, 92.8906



89.9678, 97.4431, 105.8122



73.9309, 86.6442, 71.8603



19.1094, 20.7827, 22.5564



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

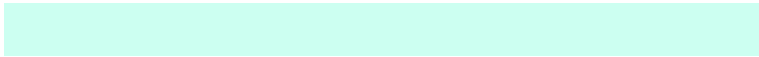


# Same Dimension

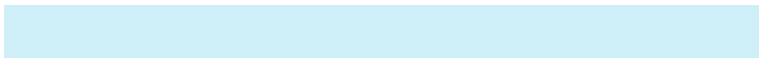
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5881, 86.5182, 92.8906



76.5860, 90.7270, 96.9407



73.5788, 81.8473, 100.7312



17.5553, 19.5244, 21.1250



22.7250, 38.1030, 30.2250



2.1488, 3.5466, 3.0315



# Inverse Universe

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



73.6822, 69.6464, 75.8931



75.4467, 69.4913, 75.5512



74.5027, 73.5159, 69.2962



17.4359, 17.3017, 18.8851



21.5015, 11.0163, 4.0834



2.0335, 1.0371, 0.6000



# Previews

## White Background



This preview shows how the XYZ color 74.5856, 86.5146, 92.8887 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

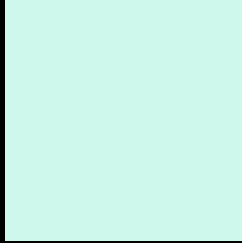
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.5856, 86.5146, 92.8887 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

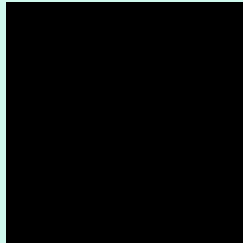
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

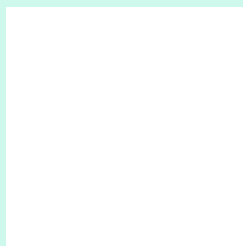
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.5856, 86.5146, 92.8887**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.5856, 86.5146, 92.8887.



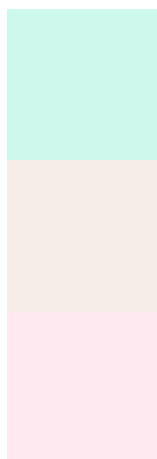
This preview shows how white text looks on a background with the XYZ color 74.5856, 86.5146,

92.8887.

# 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

74.5856, 86.5146, 92.8887

### Protanopia

82.6545, 86.3311, 87.9085

### Deuteranopia

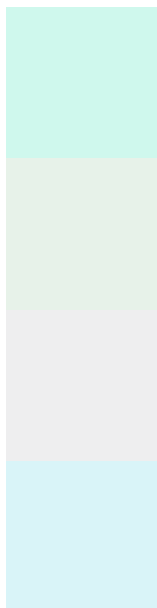
86.1071, 85.8291, 94.4664



## Tritanopia

79.9263, 86.2539, 107.0438

# Trichromacy



## Original Color

74.5856, 86.5146, 92.8887

## Protanomaly

79.4151, 86.3764, 89.5775

## Deuteranomaly

81.4144, 85.5582, 93.8847

## Tritanomaly

77.9092, 86.2304, 101.3448

# Monochromacy



## Original Color

74.5856, 86.5146, 92.8887

## Achromatopsia

78.2058, 82.2786, 89.6014

## Achromatomaly

76.6024, 83.5785, 90.6921

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.5856, 86.5146, 92.8887 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(207, 248, 237)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 237)  
}
```

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(207, 248, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 74.5856, 86.5146, 92.8887 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(207, 248, 237) }
```



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

```
.border{ border-color:rgb(207, 248, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 248, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 237);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
237) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.5856, 86.5146, 92.8887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 237) }
```

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

```
.background{ background-color: rgb(207,  
248, 237) }
```

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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