

Converting Colors

XYZ(74.9428, 86.2256, 92.7038)

Have a look what the booklet for
XYZ(74.9428, 86.2256, 92.7038)
contains.

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Color

**XYZ(74.8413, 86.1913,
92.8128)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F7ED
RGB	209, 247, 237
RGB Percent	82%, 97%, 93%
CMY	0.1804, 0.0314, 0.0706
CMYK	0.15, 0.00, 0.04, 0.03
HSL	164°, 70%, 89%
HSV	164°, 15%, 97%
XYZ	74.8413, 86.1913, 92.8128
YIQ	234.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

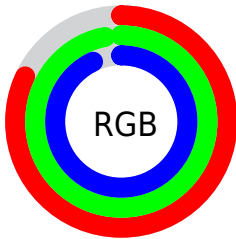
Format	Color
R _Y B	209, 231, 247
Decimal	13760493
CIE Lab	94.39, -14.12, 0.70
CIE LCh	94, 14.142, 177.154
Yxy	86.1913, 0.2948, 0.3395
Android (android.graphics.Color)	4291950573 (0xFFD1F7ED)
YUV	234.4980, 1.2335, -22.3617
Hunter-Lab	92.8393, -18.5730, 5.7144

Details

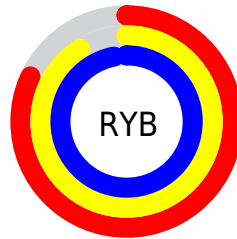
The XYZ color **74.8413, 86.1913, 92.8128** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9475, 70.4917, 76.7304**, and the grayscale version is **78.5877, 82.6803, 90.0389**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2977, 47.4678, 50.7544** is the 20% darker color. If you saturate the color by 10%, you get **67.4551, 82.4937, 87.5991**, and if you desaturate by 10%, it is **83.3503, 90.4684, 98.2625**.

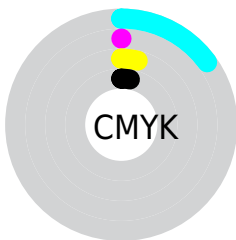
Distribution



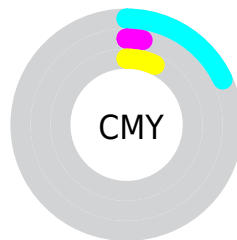
- Red (82%)
- Green (97%)
- Blue (93%)



- Red (82%)
- Yellow (91%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8413, 86.1913, 92.8128 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 74.8413, 86.1913, 92.8128 by changing the saturation by 10% instead.

74.8413, 86.1913,
92.8128

74.8413, 86.1913,
92.8128

466.3775,
515.5618, 557.9434

55.7766, 64.8262,
69.7291

125.0768,
142.0364, 153.2089

40.2601, 47.3201,
50.8303

156.9783,
177.2852, 191.3584

27.9265, 33.2888,
35.6978

193.8895,
217.9306, 235.3668

18.4105, 22.3478,
23.9130

236.1757,
264.3572, 285.6529

11.3465, 14.1127,
15.0575

284.2022,
316.9491, 342.6350

6.3694, 8.1991,
8.7127

338.3344,

3.1138, 4.2226,

376.0910, 406.7318

4.4600

398.9378,
442.1671, 478.3617

■ 1.2142, 1.7988,
1.8809

■ 0.1175, 0.4865,
0.4806

■ 74.8413, 86.1913,
92.8128

■ 74.8413, 86.1913,
92.8128

■ 67.4551, 82.4937,
87.5991

■ 83.3503, 90.4684,
98.2625

■ 61.1342, 79.3390,
82.6115

■ 91.7586, 94.6873,
103.8873

■ 55.8271, 76.7030,
77.8473

■ 92.5524, 95.0048,
108.0675

■ 51.4748, 74.5555,
73.3019

■ 48.0125, 72.8628,
68.9704

■ 45.3665, 71.5873,
64.8471

■ 43.4512, 70.6848,
60.9261

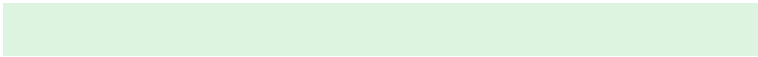
■ 42.1613, 70.1009,
57.2004

■ 41.7045, 69.9016,
55.5431

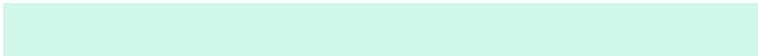
Harmonies

Analogous

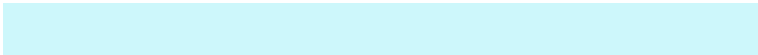
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9376, 86.1913, 82.9526



74.8413, 86.1913, 92.8128



75.5933, 86.1913, 103.7222

Triad

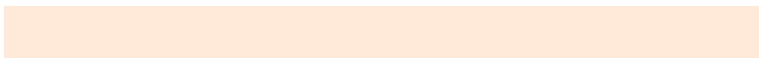
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8413, 86.1913, 92.8128



85.3013, 86.1913, 113.7189



85.9482, 86.1913, 77.3471

Complementary

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



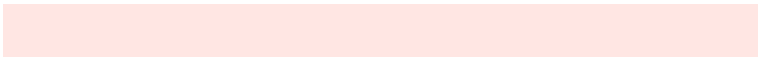
74.8413, 86.1913, 92.8128



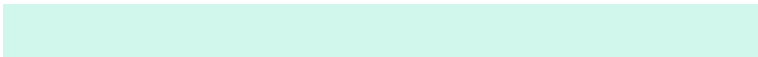
73.9475, 70.4917, 76.7304

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.



88.5949, 86.1913, 84.6206



74.8413, 86.1913, 92.8128



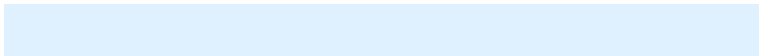
88.2134, 86.1913, 105.6573

Square

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



74.8413, 86.1913, 92.8128



81.5601, 86.1913, 116.3299



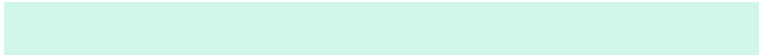
89.4363, 86.1913, 94.8902



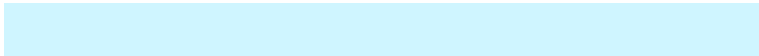
82.2855, 86.1913, 74.4665

Rectangle

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



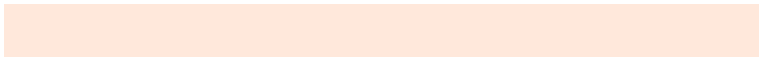
74.8413, 86.1913, 92.8128



77.0548, 86.1913, 110.0360



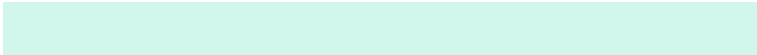
89.4363, 86.1913, 94.8902



86.9905, 86.1913, 79.3305

Sweetspot

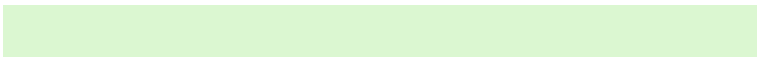
The Sweet Spot groups the original color and five complimentary colors.



74.8437, 86.1949, 92.8147



89.9781, 97.4472, 105.8667



74.0256, 86.2095, 73.0614



19.1119, 20.7837, 22.5697



0.0000, 0.0000, 0.0000



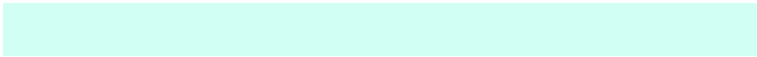
20.3446, 21.4041, 23.3091

Same Dimension

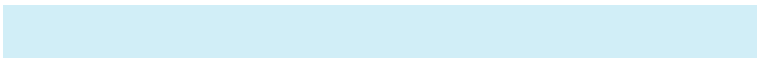
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8437, 86.1949, 92.8147



78.2481, 91.5560, 98.2770



73.6990, 81.5007, 99.8468



16.7996, 18.6790, 20.2289



22.1167, 36.9915, 29.6979



1.9860, 3.2680, 2.8320

Inverse Universe

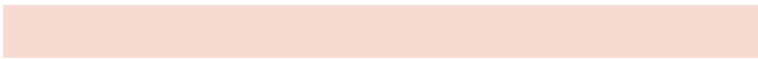
The Inverse Universe completely reimagines the original color for something new.



73.9475, 70.4917, 76.7304



77.1404, 72.1402, 78.3926



74.9060, 74.4537, 70.7459



16.6782, 16.5541, 18.0520



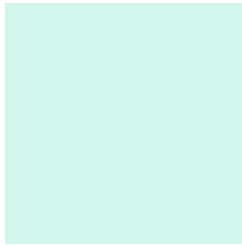
20.8405, 10.6797, 3.8687



1.8723, 0.9549, 0.5541

Previews

White Background



This preview shows how the XYZ color 74.8413, 86.1913, 92.8128 looks on a white background.

Color Contrast Check

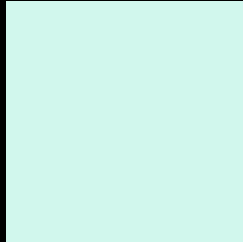
Large Text (above 18pt) WCAG AA × Fail

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 74.8413, 86.1913, 92.8128 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

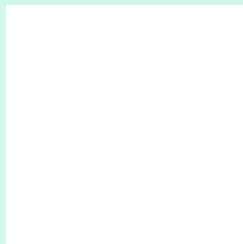
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8413, 86.1913, 92.8128

Background



This preview shows how black text looks on a background with the XYZ color 74.8413, 86.1913, 92.8128.



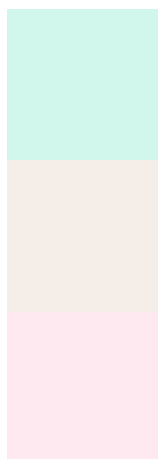
This preview shows how white text looks on a background with the XYZ color 74.8413, 86.1913,

92.8128.

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

74.8413, 86.1913, 92.8128

Protanopia

82.1579, 85.6277, 88.5415

Deuteranopia

86.1071, 85.8291, 94.4664



Tritanopia

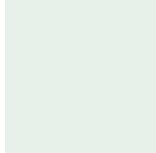
79.9263, 86.2539, 107.0438

Trichromacy



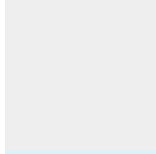
Original Color

74.8413, 86.1913, 92.8128



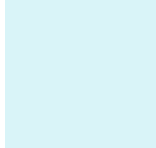
Protanomaly

79.2616, 85.8400, 90.2332



Deuteranomaly

81.4144, 85.5582, 93.8847



Tritanomaly

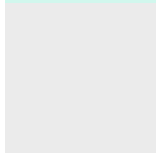
77.9092, 86.2304, 101.3448

Monochromacy



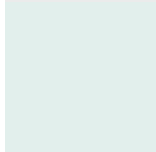
Original Color

74.8413, 86.1913, 92.8128



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

77.3709, 83.9579, 91.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8413, 86.1913, 92.8128 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(209, 247, 237)` looks like.

```
.text, #text, p{  
    color:rgb(209, 247, 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(209, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 247, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.8413, 86.1913, 92.8128 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(209, 247, 237) }
```


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

```
.border{ border-color:rgb(209, 247, 237) }
```

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

Here you see how a box with a 4 pixel rgb(209, 247, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(209, 247,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8413, 86.1913, 92.8128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 247, 237) }
```

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

```
.background{ background-color: rgb(209,  
247, 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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