

Converting Colors

XYZ(75.8173, 86.5060, 92.7304)

Have a look what the booklet for
XYZ(75.8173, 86.5060, 92.7304)
contains.

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Color

**XYZ(75.9874, 86.7821,
92.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F7ED
RGB	213, 247, 237
RGB Percent	84%, 97%, 93%
CMY	0.1647, 0.0314, 0.0706
CMYK	0.14, 0.00, 0.04, 0.03
HSL	162°, 68%, 90%
HSV	162°, 14%, 97%
XYZ	75.9874, 86.7821, 92.8664
YIQ	235.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

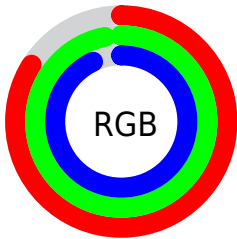
Format	Color
R_{YB}	213, 233, 247
Decimal	14022637
CIE _{Lab}	94.65, -12.86, 1.10
CIE _{LCh}	95, 12.911, 175.115
Yxy	86.7821, 0.2972, 0.3395
Android (android.graphics.Color)	4292212717 (0xFFD5F7ED)
YUV	235.6940, 0.6439, -19.9026
Hunter-Lab	93.1569, -17.4235, 6.1047

Details

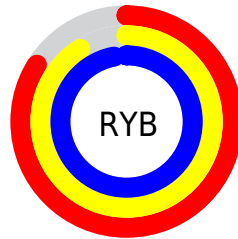
The XYZ color **75.9874, 86.7821, 92.8664** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.4744, 72.6926, 79.8691**, and the grayscale version is **79.5014, 83.6417, 91.0858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0718, 47.8669, 50.7906** is the 20% darker color. If you saturate the color by 10%, you get **68.3215, 82.9528, 87.0785**, and if you desaturate by 10%, it is **84.7924, 91.1984, 98.9359**.

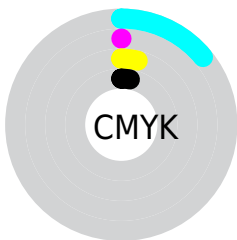
Distribution



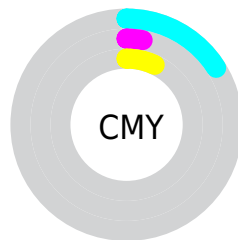
- Red (84%)
- Green (97%)
- Blue (93%)



- Red (84%)
- Yellow (91%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9874, 86.7821, 92.8664 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 75.9874, 86.7821, 92.8664 by changing the saturation by 10% instead.

75.9874, 86.7821,
92.8664

75.9874, 86.7821,
92.8664

470.2496,
517.5066, 558.1206

56.7192, 65.3149,
69.7734

126.6895,
142.8604, 153.2837

41.0191, 47.7165,
50.8662

158.8542,
178.2403, 191.4452

28.5217, 33.6024,
35.7261

196.0484,
219.0265, 235.4665

18.8618, 22.5883,
23.9347

238.6374,
265.6034, 285.7663

11.6739, 14.2898,
15.0735

286.9867,
318.3555, 342.7630

6.5926, 8.3225,
8.7238

341.4616,

3.2527, 4.3020,

377.6672, 406.8753

4.4671

402.4275,
443.9227, 478.5217

■ 1.2888, 1.8439,
1.8849

■ 0.1748, 0.5143,
0.4831

■ 75.9874, 86.7821,
92.8664

■ 75.9874, 86.7821,
92.8664

■ 68.3215, 82.9528,
87.0785

■ 84.7924, 91.1984,
98.9359

■ 61.7377, 79.6740,
81.5614

■ 91.9995, 94.7836,
105.1560

■ 56.1849, 76.9218,
76.3120

■ 92.5524, 95.0048,
108.0675

■ 51.6050, 74.6665,
71.3246

■ 47.9339, 72.8748,
66.5937

■ 45.0995, 71.5099,
62.1129

■ 43.0185, 70.5288,
57.8755

■ 41.5892, 69.8790,
53.8738

■ 40.9354, 69.5940,
51.4928

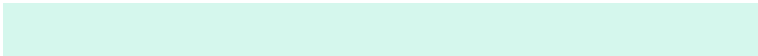
Harmonies

Analogous

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



77.1096, 86.7821, 83.9371



75.9874, 86.7821, 92.8664



76.5654, 86.7821, 102.8701

Triad

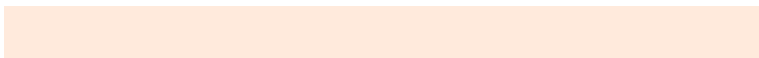
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9874, 86.7821, 92.8664



85.3599, 86.7821, 112.9494



86.3749, 86.7821, 79.6104

Complementary

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



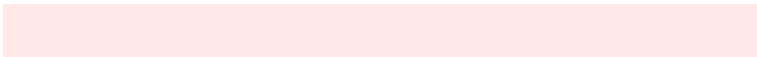
75.9874, 86.7821, 92.8664



75.4744, 72.6926, 79.8691

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.



88.6995, 86.7821, 86.5796



75.9874, 86.7821, 92.8664



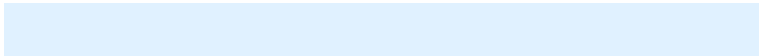
88.1020, 86.7821, 105.8943

Square

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



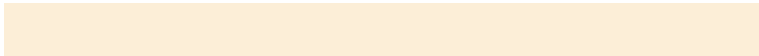
75.9874, 86.7821, 92.8664



81.9146, 86.7821, 114.9252



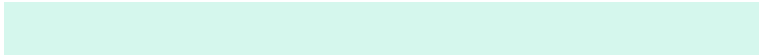
89.3403, 86.7821, 96.1343



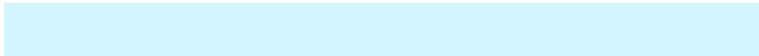
83.0556, 86.7821, 76.6349

Rectangle

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



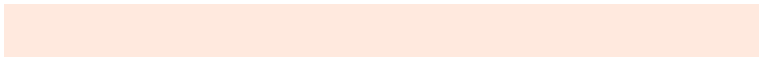
75.9874, 86.7821, 92.8664



77.8460, 86.7821, 108.7468



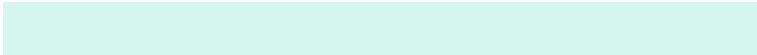
89.3403, 86.7821, 96.1343



87.3022, 86.7821, 81.5388

Sweetspot

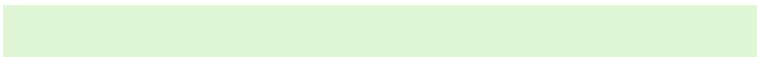
The Sweet Spot groups the original color and five complimentary colors.



75.9899, 86.7857, 92.8683



90.9170, 97.9247, 106.2043



75.7669, 87.0492, 75.7610



19.2985, 20.8789, 22.6248



0.0000, 0.0000, 0.0000



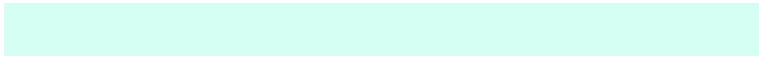
20.3446, 21.4041, 23.3091

Same Dimension

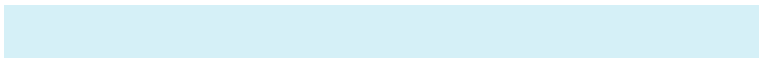
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9899, 86.7857, 92.8683



78.8747, 91.8907, 97.7783



75.4508, 83.3029, 100.1024



16.7768, 18.6699, 20.1090



21.7135, 36.8302, 27.5746



1.9532, 3.2549, 2.6595

Inverse Universe

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



75.4744, 72.6926, 79.8691



78.2054, 73.5759, 80.8878



75.9116, 75.6622, 73.5554



16.6997, 16.5627, 18.1651



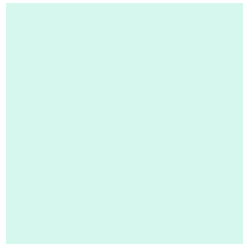
20.9701, 10.7315, 4.5510



1.8861, 0.9604, 0.6268

Previews

White Background



This preview shows how the XYZ color 75.9874, 86.7821, 92.8664 looks on a white background.

Color Contrast Check

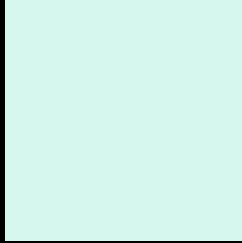
Large Text (above 18pt) WCAG AA × Fail

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 75.9874, 86.7821, 92.8664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

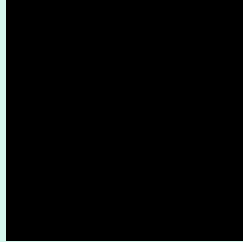
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

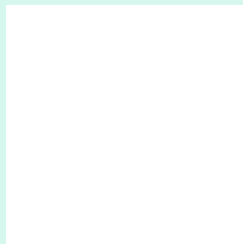
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9874, 86.7821, 92.8664

Background



This preview shows how black text looks on a background with the XYZ color 75.9874, 86.7821, 92.8664.



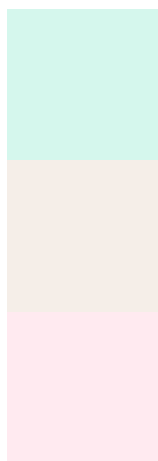
This preview shows how white text looks on a background with the XYZ color 75.9874, 86.7821,

92.8664.

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

75.9874, 86.7821, 92.8664

Protanopia

82.7962, 86.3877, 88.6546

Deuteranopia

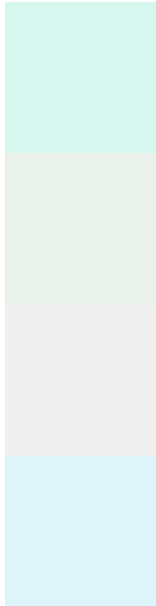
86.3910, 86.3969, 94.5611



Tritanopia

80.8535, 86.7318, 107.0872

Trichromacy



Original Color

75.9874, 86.7821, 92.8664

Protanomaly

79.9109, 86.1747, 90.2635

Deuteranomaly

82.3817, 86.4903, 94.0137

Tritanomaly

79.1128, 86.8508, 101.4011

Monochromacy



Original Color

75.9874, 86.7821, 92.8664

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 75.9874, 86.7821, 92.8664 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(213, 247, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 247, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.9874, 86.7821, 92.8664 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(213, 247, 237) }
```


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

```
.border{ border-color:rgb(213, 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(213, 247, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 247,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9874, 86.7821, 92.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 247, 237) }
```

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

```
.background{ background-color: rgb(213,  
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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