

Converting Colors

XYZ(76.5324, 86.7390, 97.2455)

Have a look what the booklet for
XYZ(76.5324, 86.7390, 97.2455)
contains.

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Color

**XYZ(76.8790, 87.1387,
97.5615)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F7F3
RGB	213, 247, 243
RGB Percent	84%, 97%, 95%
CMY	0.1647, 0.0314, 0.0471
CMYK	0.14, 0.00, 0.02, 0.03
HSL	173°, 68%, 90%
HSV	173°, 14%, 97%
XYZ	76.8790, 87.1387, 97.5615
YIQ	236.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

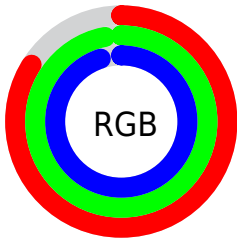
Format	Color
R _Y B	213, 231, 247
Decimal	14022643
CIE Lab	94.80, -11.71, -1.78
CIE LCh	95, 11.844, 188.660
Yxy	87.1387, 0.2939, 0.3331
Android (android.graphics.Color)	4292212723 (0xFFD5F7F3)
YUV	236.3780, 3.2646, -20.5025
Hunter-Lab	93.3481, -16.3514, 3.3775

Details

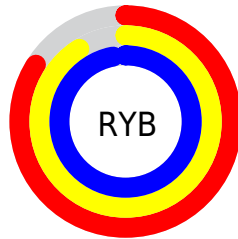
The XYZ color **76.8790, 87.1387, 97.5615** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.6795, 72.3748, 75.6832**, and the grayscale version is **80.0066, 84.1732, 91.6646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7010, 48.1186, 54.1036** is the 20% darker color. If you saturate the color by 10%, you get **69.8179, 83.5513, 94.9581**, and if you desaturate by 10%, it is **85.0432, 91.2987, 100.2565**.

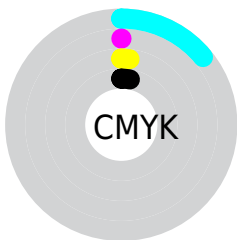
Distribution



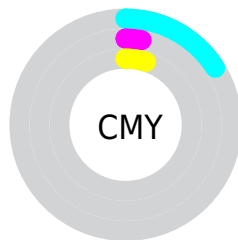
- Red (84%)
- Green (97%)
- Blue (95%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8790, 87.1387, 97.5615 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 76.8790, 87.1387, 97.5615 by changing the saturation by 10% instead.

76.8790, 87.1387,
97.5615

76.8790, 87.1387,
97.5615

473.2496,
518.6785, 573.5257

57.4531, 65.6100,
73.6601

127.9424,
143.3574, 159.8246

41.6107, 47.9559,
54.0208

160.3107,
178.8163, 199.0234

28.9864, 33.7919,
38.2250

197.7238,
219.6873, 244.1584

19.2147, 22.7338,
25.8542

240.5471,
266.3548, 295.6482

11.9305, 14.3971,
16.4898

289.1460,
319.2033, 353.9113

6.7682, 8.3974,
9.7133

343.8858,

3.3626, 4.3502,

378.6172, 419.3662

5.1062

405.1319,
444.9808, 492.4315

■ 1.3483, 1.8713,
2.2499

■ 0.2189, 0.5311,
0.7029

■ 76.8790, 87.1387,
97.5615

■ 76.8790, 87.1387,
97.5615

■ 69.8179, 83.5513,
94.9581

■ 85.0432, 91.2987,
100.2565

■ 63.8032, 80.5001,
92.4381

■ 91.5729, 94.6129,
102.9096

■ 58.7844, 77.9616,
90.0006

■ 92.0297, 94.7956,
105.3152

■ 54.7038, 75.9059,
87.6429

■ 92.4936, 94.9812,
107.7579

■ 51.4979, 74.3004,
85.3617

■ 92.5523, 95.0047,
108.0674

■ 49.0952, 73.1081,
83.1536

■ 47.4126, 72.2863,
81.0146

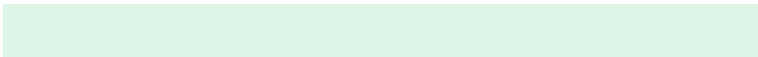
■ 46.3492, 71.7830,
78.9397

■ 45.9072, 71.5826,
77.6742

Harmonies

Analogous

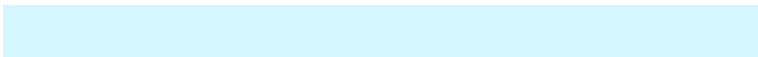
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2146, 87.1387, 88.6011



76.8790, 87.1387, 97.5615



78.1035, 87.1387, 106.3364

Triad

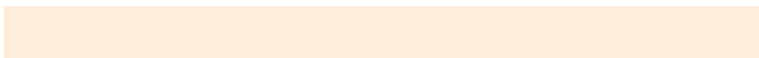
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8790, 87.1387, 97.5615



86.7322, 87.1387, 109.3377



85.0854, 87.1387, 79.3723

Complementary

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



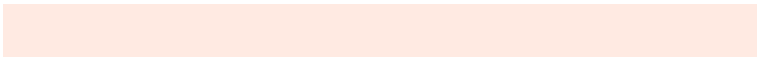
76.8790, 87.1387, 97.5615



74.6795, 72.3748, 75.6832

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.



87.7283, 87.1387, 84.2761



76.8790, 87.1387, 97.5615



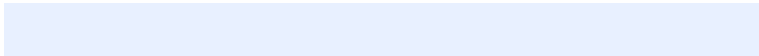
88.6960, 87.1387, 101.4472

Square

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



76.8790, 87.1387, 97.5615



83.7541, 87.1387, 113.4171



89.0652, 87.1387, 92.2466



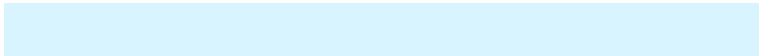
81.8983, 87.1387, 78.4801

Rectangle

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



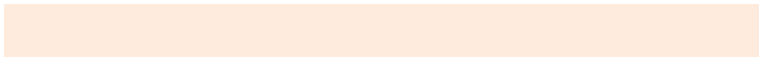
76.8790, 87.1387, 97.5615



79.6589, 87.1387, 110.7645



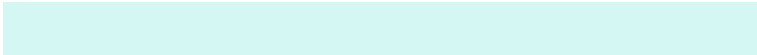
89.0652, 87.1387, 92.2466



86.0692, 87.1387, 80.5903

Sweetspot

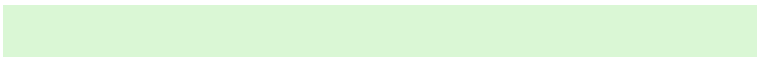
The Sweet Spot groups the original color and five complimentary colors.



76.8815, 87.1423, 97.5634



91.2037, 98.0394, 107.7139



74.0477, 86.1629, 75.6807



19.3712, 20.9080, 23.0078



0.0000, 0.0000, 0.0000



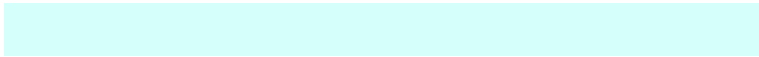
20.3446, 21.4041, 23.3091

Same Dimension

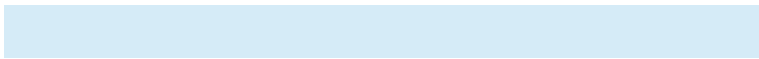
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8815, 87.1423, 97.5634



80.0496, 92.3607, 103.9654



73.8066, 80.0143, 99.5542



16.9078, 18.7222, 20.7986



24.3124, 37.8698, 41.2606



2.1601, 3.3377, 3.7491

Inverse Universe

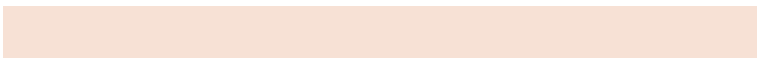
The Inverse Universe completely reimagines the original color for something new.



74.6795, 72.3748, 75.6832



77.1885, 73.1691, 75.5328



77.4226, 78.6842, 74.0593



16.5785, 16.5142, 17.5268



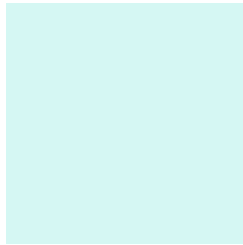
20.4302, 10.5155, 1.7078



1.8208, 0.9343, 0.2827

Previews

White Background



This preview shows how the XYZ color 76.8790, 87.1387, 97.5615 looks on a white background.

Color Contrast Check

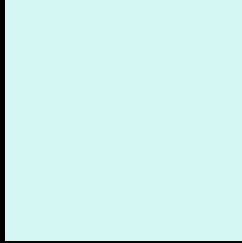
Large Text (above 18pt) WCAG AA × Fail

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 76.8790, 87.1387, 97.5615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

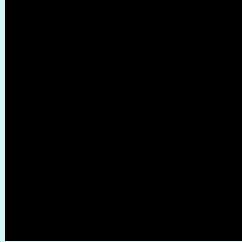
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

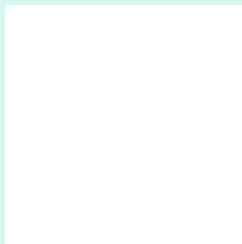
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.8790, 87.1387, 97.5615

Background



This preview shows how black text looks on a background with the XYZ color 76.8790, 87.1387, 97.5615.



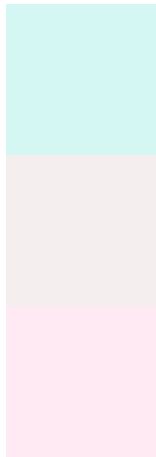
This preview shows how white text looks on a background with the XYZ color 76.8790, 87.1387,

97.5615.

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

76.8790, 87.1387, 97.5615

Protanopia

83.3154, 86.5552, 93.2046

Deuteranopia

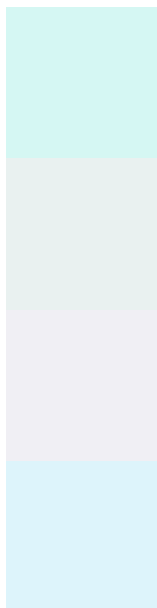
86.9920, 86.6373, 97.7257



Tritanopia

80.8535, 86.7318, 107.0872

Trichromacy



Original Color

76.8790, 87.1387, 97.5615

Protanomaly

80.7877, 86.5255, 94.8812

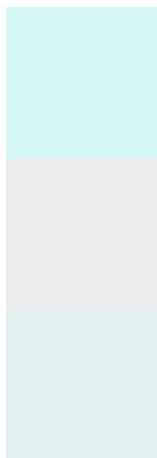
Deuteranomaly

83.1308, 86.7899, 97.9586

Tritanomaly

79.5821, 87.0386, 103.8725

Monochromacy



Original Color

76.8790, 87.1387, 97.5615

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.7350, 85.0462, 93.9271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8790, 87.1387, 97.5615 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(213, 247, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 247, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.8790, 87.1387, 97.5615 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, 243) }
```


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

```
.border{ border-color:rgb(213, 247, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(213, 247,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8790, 87.1387, 97.5615 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, 243) }
```

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

```
.background{ background-color: rgb(213,  
247, 243) }
```

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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