

Converting Colors

XYZ(75.5934, 86.2731, 86.1547)

Have a look what the booklet for
XYZ(75.5934, 86.2731, 86.1547)
contains.

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Color

**XYZ(75.5746, 86.2647,
86.0663)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F6E4
RGB	217, 246, 228
RGB Percent	85%, 96%, 89%
CMY	0.1490, 0.0353, 0.1059
CMYK	0.12, 0.00, 0.07, 0.04
HSL	143°, 62%, 91%
HSV	143°, 12%, 96%
XYZ	75.5746, 86.2647, 86.0663
YIQ	235.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

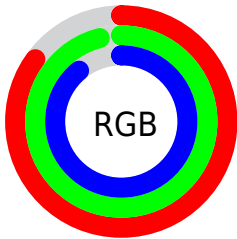
Format	Color
R _Y B	217, 238, 246
Decimal	14284516
CIE Lab	94.43, -12.76, 5.47
CIE LCh	94, 13.879, 156.802
Yxy	86.2647, 0.3049, 0.3480
Android (android.graphics.Color)	4292474596 (0xFFD9F6E4)
YUV	235.2770, -3.5876, -16.0289
Hunter-Lab	92.8788, -17.2941, 10.0740

Details

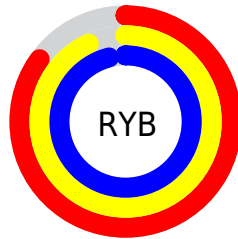
The XYZ color **75.5746, 86.2647, 86.0663** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.8174, 75.2188, 89.0185**, and the grayscale version is **79.2114, 83.3366, 90.7535**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8566, 47.5254, 46.5551** is the 20% darker color. If you saturate the color by 10%, you get **66.7735, 81.9642, 75.0735**, and if you desaturate by 10%, it is **85.6578, 91.2093, 98.1002**.

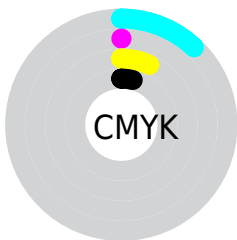
Distribution



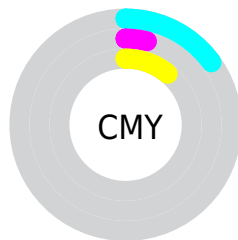
- Red (85%)
- Green (96%)
- Blue (89%)



- Red (85%)
- Yellow (93%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)




- Cyan (15%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5746, 86.2647, 86.0663 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 75.5746, 86.2647, 86.0663 by changing the saturation by 10% instead.


 75.5746, 86.2647,
86.0663

 75.5746, 86.2647,
86.0663


468.8570,
515.8036, 535.3861

 56.3796, 64.8869,
64.1676


126.1090,
142.1388, 143.7494

 40.7455, 47.3694,
46.3394


158.1790,
177.4039, 180.3708

 28.3071, 33.3277,
32.1631


195.2715,
218.0669, 222.7369

 18.6989, 22.3776,
21.2203

237.7517,
264.5121, 271.2662

 11.5556, 14.1346,
13.0923

285.9850,
317.1240, 326.3772

 6.5119, 8.2144,
7.3607

340.3367,

 3.2024, 4.2324,

376.2869, 388.4885

3.6068

401.1723,
442.3854, 458.0186

■ 1.2617, 1.8044,
1.4122

■ 0.1542, 0.4899,
0.1512

■ 75.5746, 86.2647,
86.0663

■ 75.5746, 86.2647,
86.0663

■ 66.7735, 81.9642,
75.0735

■ 85.6578, 91.2093,
98.1002

■ 59.1944, 78.2702,
65.0885

■ 92.2474, 94.3949,
107.9658

■ 52.7830, 75.1577,
56.0843

■ 47.4780, 72.5956,
48.0306

■ 43.2123, 70.5500,
40.8956

■ 39.9110, 68.9831,
34.6457

■ 37.4886, 67.8513,
29.2450

■ 35.8431, 67.1029,
24.6548

■ 34.9466, 66.7105,
21.4607

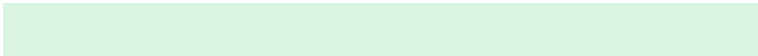
Harmonies

Analogous

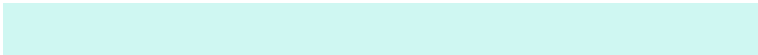
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7700, 86.2647, 78.4213



75.5746, 86.2647, 86.0663



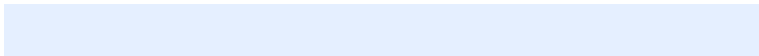
75.0743, 86.2647, 96.3815

Triad

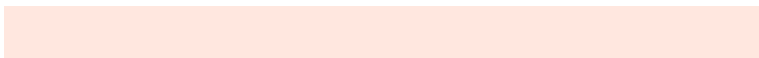
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5746, 86.2647, 86.0663



82.8444, 86.2647, 115.8363



87.8702, 86.2647, 82.1519

Complementary

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



75.5746, 86.2647, 86.0663



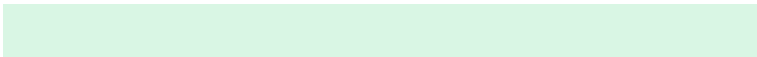
77.8174, 75.2188, 89.0185

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.



89.3221, 86.2647, 91.5157



75.5746, 86.2647, 86.0663



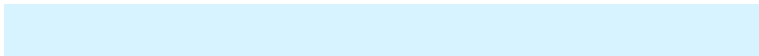
86.3641, 86.2647, 111.3539

Square

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



75.5746, 86.2647, 86.0663



79.1990, 86.2647, 114.1014



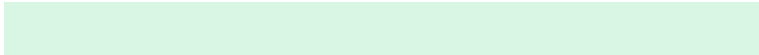
88.7628, 86.2647, 102.2536



84.8499, 86.2647, 76.2839

Rectangle

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



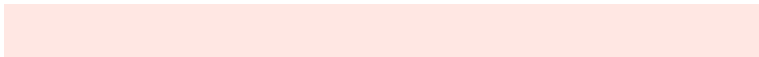
75.5746, 86.2647, 86.0663



75.7553, 86.2647, 103.4976



88.7628, 86.2647, 102.2536



88.5620, 86.2647, 84.9665

Sweetspot

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



75.5770, 86.2684, 86.0682



90.3937, 97.7154, 103.4484



79.8655, 88.6500, 78.5485



19.1660, 20.8259, 21.9272



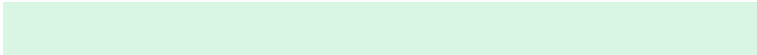
0.0000, 0.0000, 0.0000



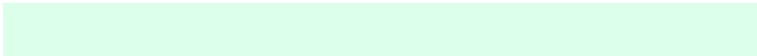
20.3446, 21.4041, 23.3091

Same Dimension

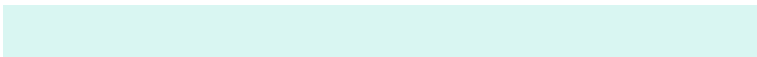
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5770, 86.2684, 86.0682



79.7489, 92.5007, 90.6221



77.6210, 87.0859, 96.8315



16.5422, 18.5760, 18.8737



18.7151, 35.6309, 11.7853



1.6932, 3.1509, 1.2904

Inverse Universe

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



77.8174, 75.2188, 89.0185



82.5959, 78.4581, 94.3706



75.8549, 74.4338, 78.6841



16.9316, 16.6555, 19.3866



23.4124, 11.7084, 17.4119



2.1076, 1.0490, 1.7932

Previews

White Background



This preview shows how the XYZ color 75.5746, 86.2647, 86.0663 looks on a white background.

Color Contrast Check

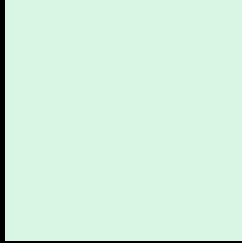
Large Text (above 18pt) WCAG AA × Fail

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 75.5746, 86.2647, 86.0663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

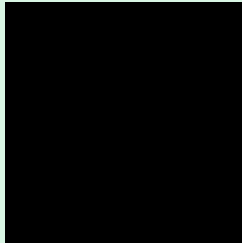
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

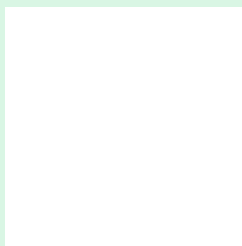
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5746, 86.2647, 86.0663

Background



This preview shows how black text looks on a background with the XYZ color 75.5746, 86.2647, 86.0663.



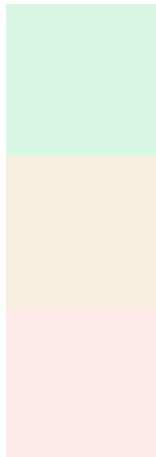
This preview shows how white text looks on a background with the XYZ color 75.5746, 86.2647,

86.0663.

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

75.5746, 86.2647, 86.0663

Protanopia

81.8999, 86.0696, 82.1085

Deuteranopia

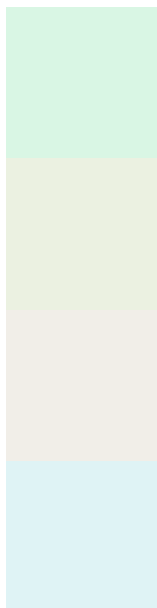
85.5141, 86.0462, 89.9434



Tritanopia

81.1839, 86.4615, 107.0176

Trichromacy



Original Color

75.5746, 86.2647, 86.0663

Protanomaly

79.3069, 86.0090, 83.6556

Deuteranomaly

81.4157, 85.6760, 88.5900

Tritanomaly

78.9634, 86.3817, 98.8977

Monochromacy



Original Color

75.5746, 86.2647, 86.0663

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.4269, 84.0532, 88.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5746, 86.2647, 86.0663 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(217, 246, 228)` looks like.

```
.text, #text, p{  
    color:rgb(217, 246, 228)  
}
```

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(217, 246, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 246, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.5746, 86.2647, 86.0663 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(217, 246, 228) }
```


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

```
.border{ border-color:rgb(217, 246, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 246, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 246, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 246, 228);  
box-shadow:4px 4px 4px 4px rgb(217, 246,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5746, 86.2647, 86.0663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 246, 228) }
```

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

```
.background{ background-color: rgb(217,  
246, 228) }
```

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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