

Converting Colors

XYZ(72.7096, 86.5823, 78.2390)

Have a look what the booklet for
XYZ(72.7096, 86.5823, 78.2390)
contains.

XYZ(73.0045, 86.9363, 78.5783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0045, 86.9363,
78.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FAD9
RGB	209, 250, 217
RGB Percent	82%, 98%, 85%
CMY	0.1804, 0.0196, 0.1490
CMYK	0.16, 0.00, 0.13, 0.02
HSL	132°, 80%, 90%
HSV	132°, 16%, 98%
XYZ	73.0045, 86.9363, 78.5783
YIQ	233.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

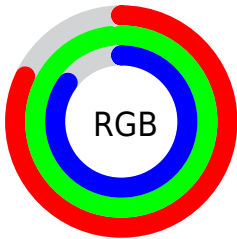
Format	Color
R_{YB}	209, 243, 250
Decimal	13761241
CIE _{Lab}	94.71, -19.30, 11.49
CIE _{LCh}	95, 22.460, 149.242
Yxy	86.9363, 0.3061, 0.3645
Android (android.graphics.Color)	4291951321 (0xFFD1FAD9)
YUV	233.9790, -8.3706, -21.9066
Hunter-Lab	93.2396, -23.4080, 15.3007

Details

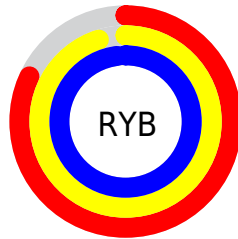
The XYZ color **73.0045, 86.9363, 78.5783** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.2549, 72.3378, 93.8465**, and the grayscale version is **78.2617, 82.3374, 89.6654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9180, 47.6186, 41.3225** is the 20% darker color. If you saturate the color by 10%, you get **64.0189, 82.5908, 65.3184**, and if you desaturate by 10%, it is **83.4239, 91.9891, 93.5750**.

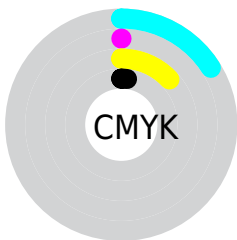
Distribution



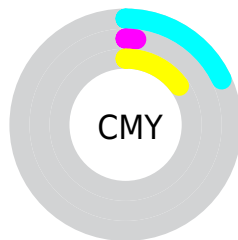
- Red (82%)
- Green (98%)
- Blue (85%)



- Red (82%)
- Yellow (95%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0045, 86.9363, 78.5783 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 73.0045, 86.9363, 78.5783 by changing the saturation by 10% instead.

 73.0045, 86.9363,
78.5783

 73.0045, 86.9363,
78.5783

460.1340,
518.0135, 509.7084

 54.2680, 65.4425,
58.0299


122.4867,
143.0753, 133.1583

 39.0475, 47.8200,
41.4178


153.9631,
178.4894, 168.0270

 26.9776, 33.6843,
28.3235


190.4169,
219.3123, 208.5061

 17.6929, 22.6512,
18.3285

232.2135,
265.9284, 255.0144

 10.8281, 14.3362,
11.0142

279.7181,
318.7222, 307.9702

 6.0178, 8.3549,
5.9621

333.2961,

 2.8967, 4.3228,

378.0781, 367.7921

2.7536

393.3130,
444.3804, 434.8987

■ 1.0994, 1.8557,
0.9703

■ 0.0246, 0.5216,
0.0000

■ 73.0045, 86.9363,
78.5783

■ 73.0045, 86.9363,
78.5783

■ 64.0189, 82.5908,
65.3184

■ 83.4239, 91.9891,
93.5750

■ 56.3971, 78.9102,
53.7268

■ 93.4773, 96.8546,
108.3758

■ 50.0734, 75.8648,
43.7390

■ 44.9743, 73.4179,
35.2843

■ 41.0184, 71.5294,
28.2866

■ 38.1144, 70.1538,
22.6630

■ 36.1564, 69.2384,
18.3224

■ 35.0142, 68.7184,
15.1626

■ 34.7370, 68.5945,
14.2906

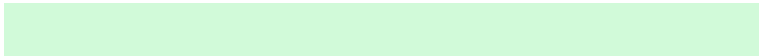
Harmonies

Analogous

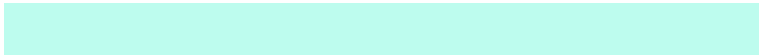
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0611, 86.9363, 68.3943



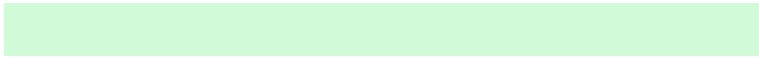
73.0045, 86.9363, 78.5783



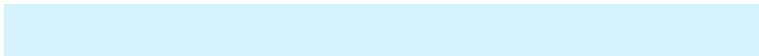
71.5047, 86.9363, 94.2174

Triad

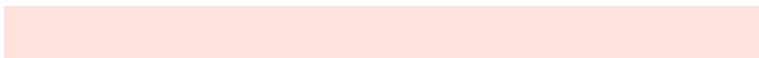
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0045, 86.9363, 78.5783



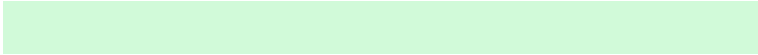
82.4761, 86.9363, 132.1544



93.2344, 86.9363, 79.2567

Complementary

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



73.0045, 86.9363, 78.5783



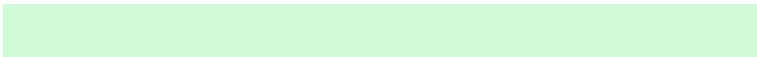
78.2549, 72.3378, 93.8465

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.



94.8540, 86.9363, 95.1017



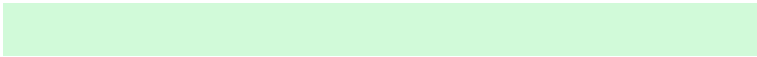
73.0045, 86.9363, 78.5783



88.4617, 86.9363, 126.9101

Square

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



73.0045, 86.9363, 78.5783



76.8061, 86.9363, 126.3733



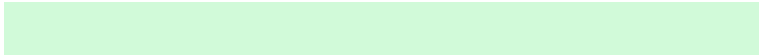
93.0672, 86.9363, 112.7960



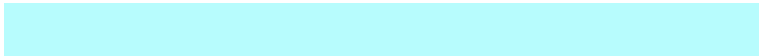
88.7418, 86.9363, 68.7509

Rectangle

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



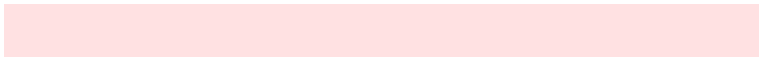
73.0045, 86.9363, 78.5783



72.0973, 86.9363, 106.1030



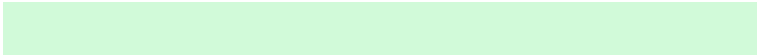
93.0672, 86.9363, 112.7960



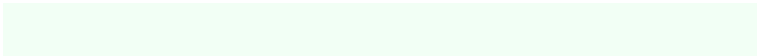
94.1423, 86.9363, 84.0687

Sweetspot

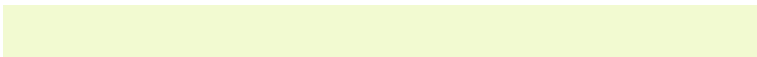
The Sweet Spot groups the original color and five complimentary colors.



73.0069, 86.9400, 78.5802



88.9052, 97.0181, 100.2170



82.4818, 91.9418, 73.7219



18.8513, 20.6795, 21.1975



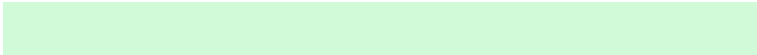
0.0000, 0.0000, 0.0000



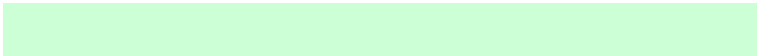
20.3446, 21.4041, 23.3091

Same Dimension

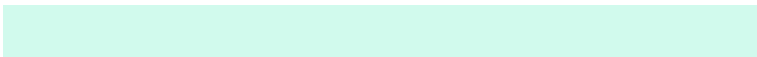
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0069, 86.9400, 78.5802



72.7932, 89.2099, 76.9680



75.7713, 88.0458, 93.1377



17.1558, 19.3646, 19.0209



18.4642, 36.3987, 7.7878



1.7454, 3.3853, 0.9074

Inverse Universe

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



78.2549, 72.3378, 93.8465



79.3218, 71.0413, 95.9572



75.4101, 71.1999, 78.8659



17.8393, 17.4631, 21.0096



26.5698, 13.0436, 30.7724



2.4967, 1.2224, 3.0388

Previews

White Background



This preview shows how the XYZ color 73.0045, 86.9363, 78.5783 looks on a white background.

Color Contrast Check

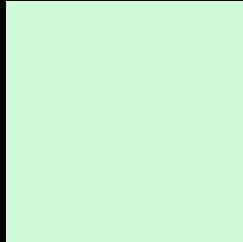
Large Text (above 18pt) WCAG AA × Fail

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 73.0045, 86.9363, 78.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

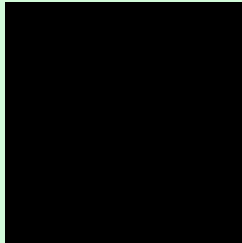
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

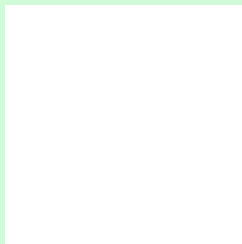
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0045, 86.9363, 78.5783

Background



This preview shows how black text looks on a background with the XYZ color 73.0045, 86.9363, 78.5783.

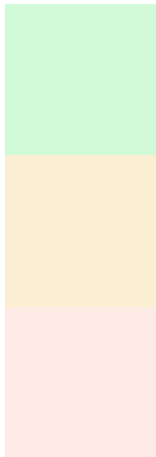


This preview shows how white text looks on a background with the XYZ color 73.0045, 86.9363,

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

73.0045, 86.9363, 78.5783

Protanopia

82.0487, 86.7601, 74.0500

Deuteranopia

85.2313, 86.3898, 87.0456



Tritanopia

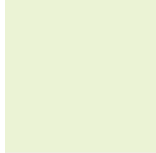
80.8535, 86.7318, 107.0872

Trichromacy



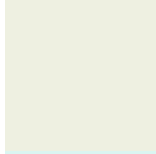
Original Color

73.0045, 86.9363, 78.5783



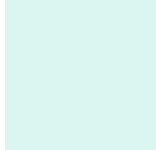
Protanomaly

78.3218, 86.5674, 75.5320



Deuteranomaly

80.0106, 85.9336, 83.6040



Tritanomaly

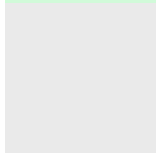
77.7430, 86.7158, 95.8594

Monochromacy



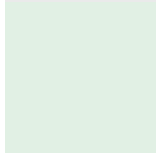
Original Color

73.0045, 86.9363, 78.5783



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.2150, 83.9292, 85.5818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0045, 86.9363, 78.5783 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, 250, 217)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 217)  
}
```

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, 250, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 217) }
```

Border

The CSS property to change the border of an element to XYZ 73.0045, 86.9363, 78.5783 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, 250, 217) }
```


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

```
.border{ border-color:rgb(209, 250, 217) }
```

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

Here you see how a box with a 4 pixel rgb(209, 250, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 217);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0045, 86.9363, 78.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 217) }
```

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

```
.background{ background-color: rgb(209,  
250, 217) }
```

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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