

Converting Colors

XYZ(73.3135, 86.8890, 80.2251)

Have a look what the booklet for
XYZ(73.3135, 86.8890, 80.2251)
contains.

XYZ(73.2663, 87.0410, 79.9569)	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(73.2663, 87.0410,
79.9569)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FADB
RGB	209, 250, 219
RGB Percent	82%, 98%, 86%
CMY	0.1804, 0.0196, 0.1412
CMYK	0.16, 0.00, 0.12, 0.02
HSL	135°, 80%, 90%
HSV	135°, 16%, 98%
XYZ	73.2663, 87.0410, 79.9569
YIQ	234.2070, -14.4850, -18.3330

Conversions

Conversions Part 2

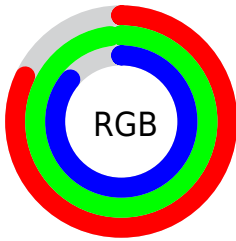
Format	Color
R _Y B	209, 242, 250
Decimal	13761243
CIE Lab	94.76, -18.95, 10.52
CIE LCh	95, 21.670, 150.958
Yxy	87.0410, 0.3049, 0.3623
Android (android.graphics.Color)	4291951323 (0xFFD1FADB)
YUV	234.2070, -7.4971, -22.1065
Hunter-Lab	93.2958, -23.0894, 14.4940

Details

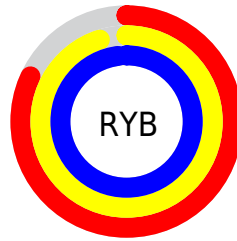
The XYZ color **73.2663, 87.0410, 79.9569** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.9561, 72.2183, 92.2728**, and the grayscale version is **78.4284, 82.5128, 89.8564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0972, 47.6903, 42.2665** is the 20% darker color. If you saturate the color by 10%, you get **64.3916, 82.7398, 67.2807**, and if you desaturate by 10%, it is **83.5384, 92.0348, 94.1775**.

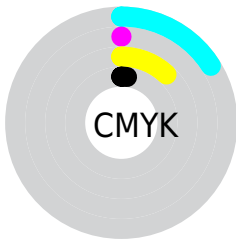
Distribution



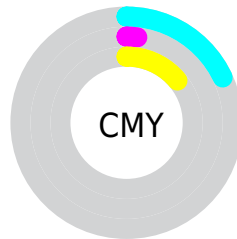
- Red (82%)
- Green (98%)
- Blue (86%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2663, 87.0410, 79.9569 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 73.2663, 87.0410, 79.9569 by changing the saturation by 10% instead.

 73.2663, 87.0410,
79.9569

 73.2663, 87.0410,
79.9569


461.0268,
518.3576, 514.4905

 54.4829, 65.5291,
59.1569

122.8563,
143.2213, 135.1160

 39.2201, 47.8903,
42.3186


154.3936,
178.6585, 170.3122

 27.1125, 33.7400,
29.0234


190.9128,
219.5063, 211.1442

 17.7947, 22.6939,
18.8528

232.7795,
266.1490, 258.0306

 10.9015, 14.3677,
11.3882

280.3588,
318.9711, 311.3899

 6.0674, 8.3768,
6.2112

334.0163,

 2.9272, 4.3370,

378.3570, 371.6406

2.9030

394.1171,
444.6910, 439.2013

■ 1.1154, 1.8638,
1.0453

■ 0.0379, 0.5265,
0.0000

■ 73.2663, 87.0410,
79.9569

■ 73.2663, 87.0410,
79.9569

■ 64.3916, 82.7398,
67.2807

■ 83.5384, 92.0348,
94.1775

■ 56.8460, 79.0898,
56.0911

■ 93.4773, 96.8546,
108.3758

■ 50.5664, 76.0619,
46.3351

■ 45.4814, 73.6207,
37.9545

■ 41.5122, 71.7269,
30.8870

■ 38.5707, 70.3363,
25.0655

■ 36.5541, 69.3975,
20.4168

■ 35.3365, 68.8472,
16.8595

■ 35.0289, 68.7112,
15.8275

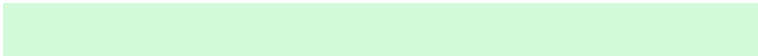
Harmonies

Analogous

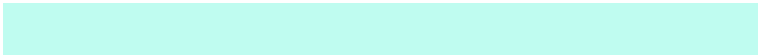
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0690, 87.0410, 69.7097



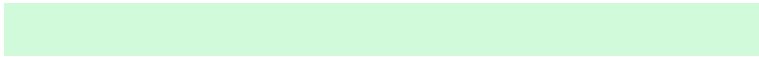
73.2663, 87.0410, 79.9569



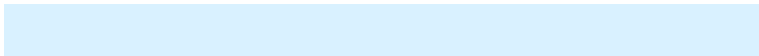
71.9691, 87.0410, 95.3131

Triad

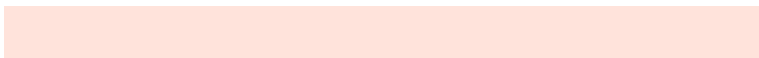
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2663, 87.0410, 79.9569



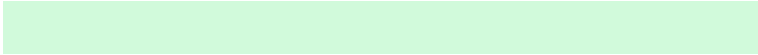
82.9183, 87.0410, 130.8315



92.7718, 87.0410, 79.1259

Complementary

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



73.2663, 87.0410, 79.9569



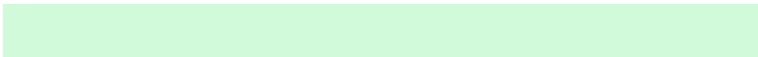
77.9561, 72.2183, 92.2728

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.



94.5131, 87.0410, 94.2346



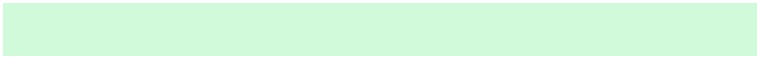
73.2663, 87.0410, 79.9569



88.6614, 87.0410, 125.2210

Square

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



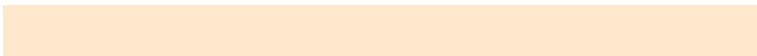
73.2663, 87.0410, 79.9569



77.3804, 87.0410, 125.8714



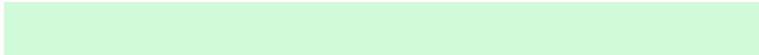
92.9751, 87.0410, 111.3145



88.3203, 87.0410, 69.2713

Rectangle

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



73.2663, 87.0410, 79.9569



72.6490, 87.0410, 106.7878



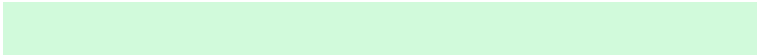
92.9751, 87.0410, 111.3145



93.7026, 87.0410, 83.6947

Sweetspot

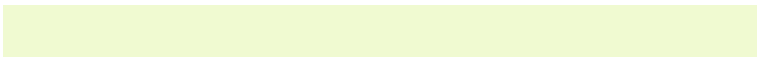
The Sweet Spot groups the original color and five complimentary colors.



73.2687, 87.0447, 79.9588



89.0002, 97.0561, 100.7172



81.7801, 91.5801, 73.6891



18.8743, 20.6887, 21.3187



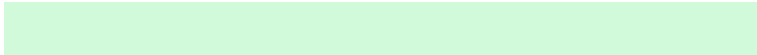
0.0000, 0.0000, 0.0000



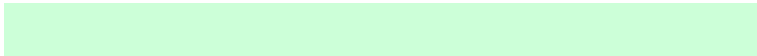
20.3446, 21.4041, 23.3091

Same Dimension

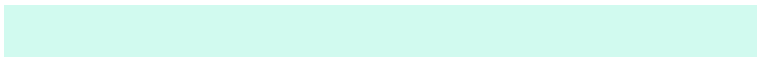
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2687, 87.0447, 79.9588



73.1133, 89.3379, 78.6537



76.0727, 88.1663, 94.7247



17.1909, 19.3786, 19.2060



18.6267, 36.4637, 8.6435



1.7651, 3.3932, 1.0111

Inverse Universe

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



77.9561, 72.2183, 92.2728



78.9444, 70.8903, 93.9698



75.1369, 71.0907, 77.4274



17.8015, 17.4479, 20.8103



25.8455, 12.7539, 26.9586



2.4354, 1.1979, 2.7160

Previews

White Background



This preview shows how the XYZ color 73.2663, 87.0410, 79.9569 looks on a white background.

Color Contrast Check

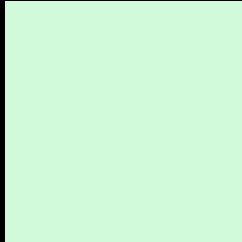
Large Text (above 18pt) WCAG AA × Fail

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 73.2663, 87.0410, 79.9569 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

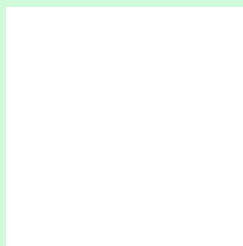
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2663, 87.0410, 79.9569

Background



This preview shows how black text looks on a background with the XYZ color 73.2663, 87.0410, 79.9569.



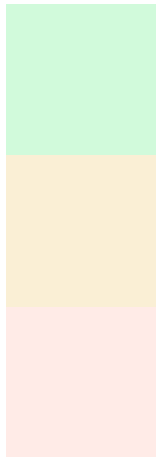
This preview shows how white text looks on a background with the XYZ color 73.2663, 87.0410,

79.9569.

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

73.2663, 87.0410, 79.9569

Protanopia

82.3011, 86.8611, 75.3789

Deuteranopia

85.3721, 86.4462, 87.7875



Tritanopia

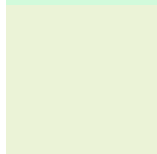
80.8535, 86.7318, 107.0872

Trichromacy



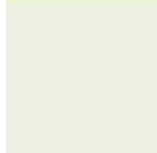
Original Color

73.2663, 87.0410, 79.9569



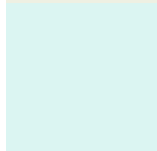
Protanomaly

78.5773, 86.6696, 76.8774



Deuteranomaly

80.2851, 86.0434, 85.0496



Tritanomaly

77.8928, 86.7757, 96.6484

Monochromacy



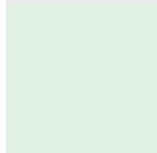
Original Color

73.2663, 87.0410, 79.9569



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.3543, 83.9849, 86.3151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2663, 87.0410, 79.9569 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.2663, 87.0410, 79.9569 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, 219) }
```


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

```
.border{ border-color:rgb(209, 250, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 219);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2663, 87.0410, 79.9569 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, 219) }
```

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

```
.background{ background-color: rgb(209,  
250, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor