

Converting Colors

XYZ(73.5792, 86.5842, 66.2605)

Have a look what the booklet for
XYZ(73.5792, 86.5842, 66.2605)
contains.

XYZ(73.5792, 86.5842, 66.2605)	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(73.5792, 86.5842,
66.2605)**

Conversions

Conversions Part 1	
Format	Color
Hex	DDF8C6
RGB	221, 248, 198
RGB Percent	87%, 97%, 78%
CMY	0.1333, 0.0274, 0.2235
CMYK	0.11, 0.00, 0.20, 0.03
HSL	92°, 78%, 87%
HSV	92°, 20%, 97%
XYZ	73.5792, 86.5842, 66.2605
YIQ	234.2270, -0.0420, -21.2740

Conversions

Conversions Part 2

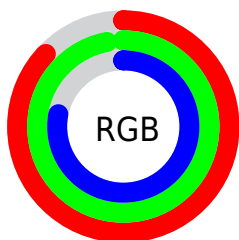
Format	Color
RYB	198, 248, 225
Decimal	14547142
CIELab	94.56, -17.46, 21.14
CIELCh	95, 27.416, 129.549
Yxy	86.5842, 0.3250, 0.3824
Android (android.graphics.Color)	4292737222 (0xFFDDF8C6)
YUV	234.2270, -17.8599, -11.6001
Hunter-Lab	93.0506, -21.6909, 22.9156

Details

The XYZ color **73.5792, 86.5842, 66.2605** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.1924, 63.1755, 97.4116**, and the grayscale version is **78.5118, 82.6005, 89.9519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6096, 47.8199, 33.5281** is the 20% darker color. If you saturate the color by 10%, you get **67.0336, 83.5163, 52.2247**, and if you desaturate by 10%, it is **80.9233, 90.0147, 82.7822**.

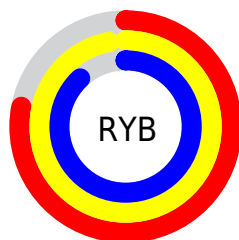
Distribution



Red (87%)

Green (97%)

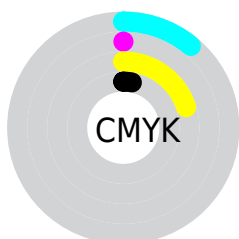
Blue (78%)



Red (78%)

Yellow (97%)

Blue (88%)

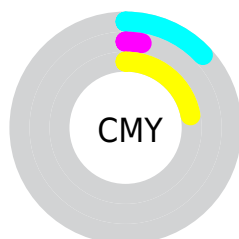


Cyan (11%)

Magenta (0%)

Yellow (20%)

Black (3%)



Cyan (13%)


Magenta (3%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5792, 86.5842, 66.2605 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 73.5792, 86.5842, 66.2605 by changing the saturation by 10% instead.


 73.5792, 86.5842,
66.2605

 73.5792, 86.5842,
66.2605


462.0925,
516.8556, 465.7376

 54.7398, 65.1512,
48.0261


123.2978,
142.5844, 115.4907

 39.4264, 47.5837,
33.4874


154.9077,
177.9204, 147.3236

 27.2738, 33.4973,
22.2259


191.5051,
218.6596, 184.5263

 17.9166, 22.5077,
13.8231

233.4554,
265.1862, 227.5175

 10.9895, 14.2304,
7.8604

281.1240,
317.8847, 276.7157

 6.1270, 8.2811,
3.9193


334.8761,


 2.9639, 4.2753,


377.1395, 332.5394


1.5812


395.0772,
443.3350, 395.4072


 1.1347, 1.8287,
0.2773


 0.0538, 0.5050,
0.0000


 73.5792, 86.5842,
66.2605


 73.5792, 86.5842,
66.2605


 67.0336, 83.5163,
52.2247


 80.9233, 90.0147,
82.7822

 61.2491, 80.7868,
40.5489

 89.0874, 93.8089,
101.8961

 56.1957, 78.3854,
31.1046

 92.8592, 95.6184,
108.1697

 51.8381, 76.2973,
23.7490

■ 48.1376, 74.5059,
18.3224

■ 45.0507, 72.9928,
14.6424

■ 42.5270, 71.7367,
12.4912

■ 40.5174, 70.7203,
11.5149

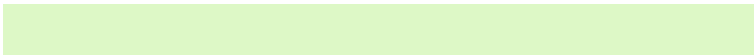
Harmonies

Analogous

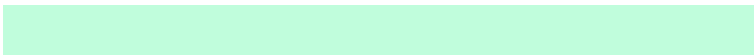
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9618, 86.5842, 59.5828



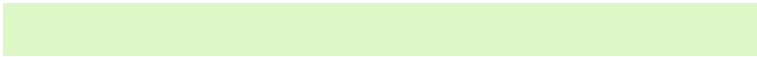
73.5792, 86.5842, 66.2605



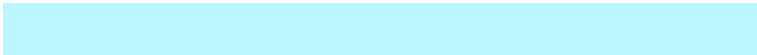
69.6922, 86.5842, 80.7654

Triad

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



73.5792, 86.5842, 66.2605



77.4322, 86.5842, 137.7550



97.1116, 86.5842, 87.6870

Complementary

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



73.5792, 86.5842, 66.2605



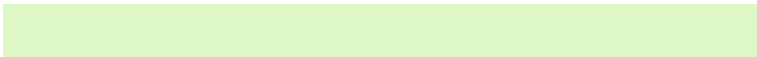
68.1924, 63.1755, 97.4116

Split Complementary

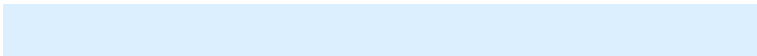
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3338, 86.5842, 109.2139



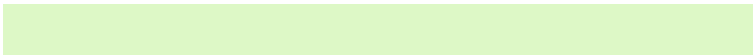
73.5792, 86.5842, 66.2605



84.6745, 86.5842, 140.3464

Square

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



73.5792, 86.5842, 66.2605



71.8227, 86.5842, 122.6203



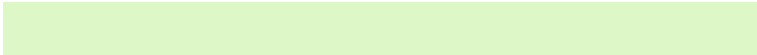
91.6747, 86.5842, 129.2470



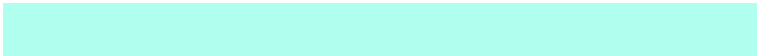
93.7403, 86.5842, 70.6744

Rectangle

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



73.5792, 86.5842, 66.2605



68.8944, 86.5842, 93.9560



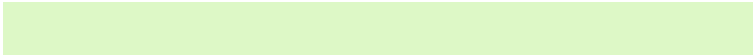
91.6747, 86.5842, 129.2470



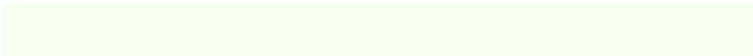
97.3310, 86.5842, 94.5957

Sweetspot

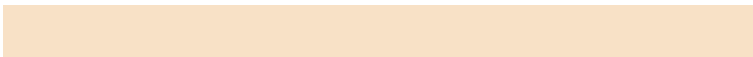
The Sweet Spot groups the original color and five complimentary colors.



73.5815, 86.5880, 66.2624



89.7087, 97.5198, 96.2997



75.7430, 77.7074, 64.4343



19.0811, 20.8173, 20.3317



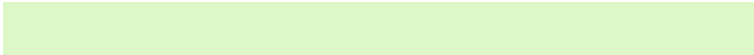
0.0000, 0.0000, 0.0000



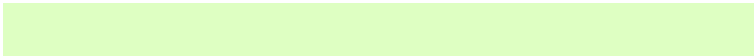
20.3446, 21.4041, 23.3091

Same Dimension

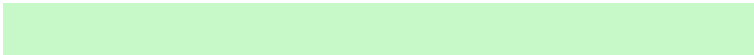
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5815, 86.5880, 66.2624



75.5835, 90.9275, 64.4883



67.2451, 83.2991, 66.9751



17.7760, 19.7003, 18.3280



22.0440, 38.2824, 6.2274



2.1624, 3.6079, 0.5824

Inverse Universe

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



68.1924, 63.1755, 97.4116



68.9291, 62.0214, 102.9461



75.5947, 67.0213, 96.4140



17.1786, 17.1047, 21.7814



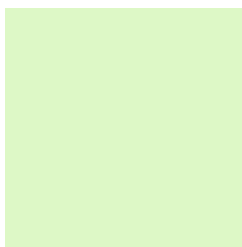
14.6220, 6.4806, 48.4538



1.4766, 0.6633, 4.4934

Previews

White Background



This preview shows how the XYZ color 73.5792, 86.5842, 66.2605 looks on a white background.

Color Contrast Check

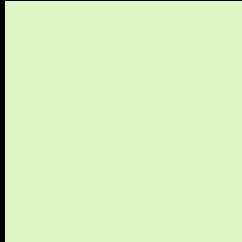
Large Text (above 18pt) WCAG AA × Fail

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 73.5792, 86.5842, 66.2605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

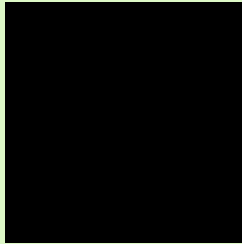
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

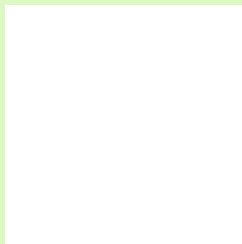
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5792, 86.5842, 66.2605

Background



This preview shows how black text looks on a background with the XYZ color 73.5792, 86.5842, 66.2605.

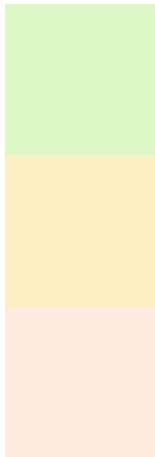


This preview shows how white text looks on a background with the XYZ color 73.5792, 86.5842,

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

73.5792, 86.5842, 66.2605

Protanopia

81.0002, 86.4659, 62.8725

Deuteranopia

84.4029, 86.0585, 82.6834



Tritanopia

82.4888, 86.6960, 106.9941

Trichromacy

	Original Color 73.5792, 86.5842, 66.2605
	Protanomaly 77.8781, 86.1452, 64.1528
	Deuteranomaly 80.3880, 86.2812, 76.7070
	Tritanomaly 78.8968, 86.5357, 90.3867

Monochromacy

	Original Color 73.5792, 86.5842, 66.2605
	Achromatopsia 78.2058, 82.2786, 89.6014
	Achromatomaly 76.2307, 83.6115, 80.5275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5792, 86.5842, 66.2605 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(221, 248, 198)` looks like.

```
.text, #text, p{  
    color:rgb(221, 248, 198)  
}
```

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(221, 248, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 248, 198) }
```

Border

The CSS property to change the border of an element to XYZ 73.5792, 86.5842, 66.2605 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(221, 248, 198) }
```


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

```
.border{ border-color:rgb(221, 248, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 248, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 248, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 248, 198);  
box-shadow:4px 4px 4px 4px rgb(221, 248,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5792, 86.5842, 66.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 248, 198) }
```

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

```
.background{ background-color: rgb(221,  
248, 198) }
```

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