

Converting Colors

XYZ(73.4603, 89.6161, 74.1844)

Have a look what the booklet for
XYZ(73.4603, 89.6161, 74.1844)
contains.

| | |
|--|----|
| XYZ(73.4053, 89.5830, 74.3952) | 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(73.4053, 89.5830,
74.3952)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D0FFD2 |
| RGB | 208, 255, 210 |
| RGB Percent | 82%, 100%, 82% |
| CMY | 0.1843, 0.0000, 0.1765 |
| CMYK | 0.18, 0.00, 0.18, 0.00 |
| HSL | 123°, 100%, 91% |
| HSV | 123°, 18%, 100% |
| XYZ | 73.4053, 89.5830, 74.3952 |
| YIQ | 235.8170, -13.5670, -23.9590 |

Conversions

Conversions Part 2

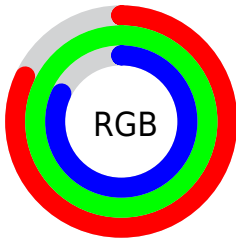
| Format | Color |
|-------------------------------------|--|
| RYB | 208, 253, 255 |
| Decimal | 13696978 |
| CIELab | 95.82, -23.26, 16.65 |
| CIELCh | 96, 28.601, 144.409 |
| Yxy | 89.5830, 0.3092, 0.3774 |
| Android (android.graphics.Color) | 4291887058 (0xFFD0FFD2) |
| YUV | 235.8170, -12.7278, -24.3955 |
| Hunter-Lab | 94.6483, -27.1973, 19.6508 |

Details

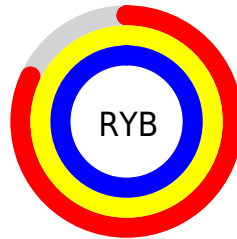
The XYZ color **73.4053, 89.5830, 74.3952** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.5258, 73.4643, 102.8112**, and the grayscale version is **79.6901, 83.8402, 91.3020**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2473, 49.5270, 38.5015** is the 20% darker color. If you saturate the color by 10%, you get **63.9892, 85.0539, 59.2693**, and if you desaturate by 10%, it is **84.4395, 94.8927, 92.0218**.

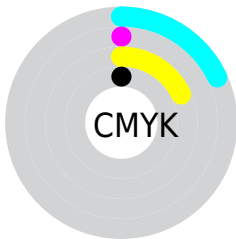
Distribution



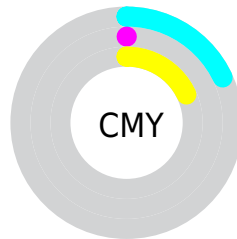
- Red (82%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (99%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4053, 89.5830, 74.3952 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 73.4053, 89.5830, 74.3952 by changing the saturation by 10% instead.


 73.4053, 89.5830,
74.3952

 73.4053, 89.5830,
74.3952


461.5004,
526.6734, 495.0361

 54.5970, 67.6348,
54.6188


123.0525,
146.7590, 127.1951

 39.3117, 49.6007,
38.7001


154.6220,
182.7557, 161.0557

 27.1841, 35.0962,
26.2204


191.1760,
224.2040, 200.4480

 17.8489, 23.7370,
16.7614

233.0798,
271.4882, 245.7908

 10.9406, 15.1387,
9.9044

280.6988,
324.9929, 297.5024

 6.0939, 8.9168,
5.2308

334.3983,

 2.9434, 4.6869,

385.1024, 356.0015

2.3222

394.5437,
452.2011, 421.7065

■ 1.1239, 2.0648,
0.7436

■ 0.0450, 0.6447,
0.0000

■ 73.4053, 89.5830,
74.3952

■ 73.4053, 89.5830,
74.3952

■ 63.9892, 85.0539,
59.2693

■ 84.4395, 94.8927,
92.0218

■ 56.1132, 81.2676,
46.5270

95.0500, 100.0000,
108.9000

■ 49.6960, 78.1847,
36.0481

■ 44.6479, 75.7618,
27.7002

■ 40.8693, 73.9508,
21.3371

■ 38.2473, 72.6969,
16.7945

■ 36.6489, 71.9357,
13.8816

■ 35.8941, 71.5794,
12.3647

■ 35.8196, 71.5438,
12.2337

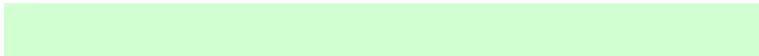
Harmonies

Analogous

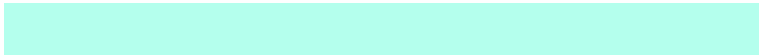
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0345, 89.5830, 63.1108



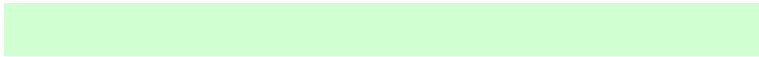
73.4053, 89.5830, 74.3952



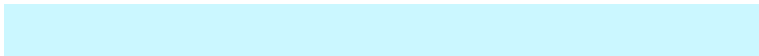
70.9341, 89.5830, 93.3725

Triad

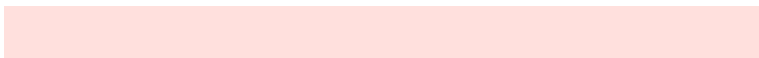
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4053, 89.5830, 74.3952



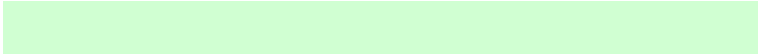
83.6778, 89.5830, 147.4360



99.7077, 89.5830, 80.6789

Complementary

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



73.4053, 89.5830, 74.3952



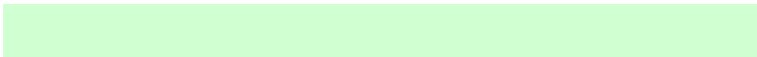
81.5258, 73.4643, 102.8112

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.



101.1396, 89.5830, 101.8311



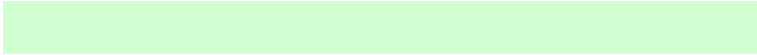
73.4053, 89.5830, 74.3952



91.5646, 89.5830, 142.6503

Square

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



73.4053, 89.5830, 74.3952



76.6257, 89.5830, 137.2707



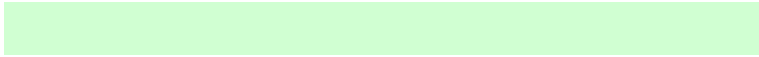
98.0761, 89.5830, 125.0485



94.2755, 89.5830, 66.3275

Rectangle

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



73.4053, 89.5830, 74.3952



71.2930, 89.5830, 108.7467



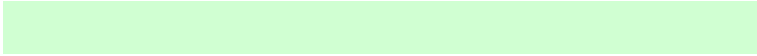
98.0761, 89.5830, 125.0485



100.6863, 89.5830, 87.1322

Sweetspot

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



73.4060, 89.5834, 74.3966



87.3738, 96.3050, 96.6956



87.8113, 97.0382, 73.7776



18.5307, 20.5310, 20.4248



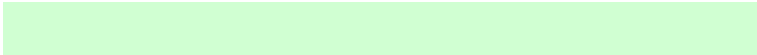
0.0000, 0.0000, 0.0000



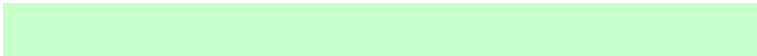
20.3446, 21.4041, 23.3091

Same Dimension

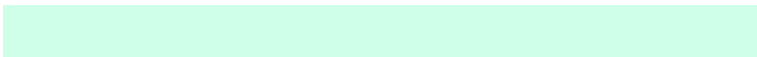
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4060, 89.5834, 74.3966



69.8632, 87.8791, 68.7163



76.4905, 90.8172, 90.6393



17.8029, 20.1807, 19.2651



18.7300, 37.3886, 6.4633



1.8342, 3.6446, 0.6847

Inverse Universe

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



81.5258, 73.4643, 102.8112



79.3083, 69.1280, 101.7678



78.0699, 72.0820, 84.6129



18.7573, 18.2862, 22.6051



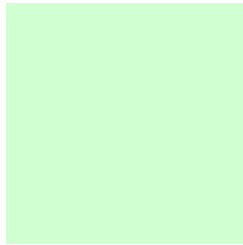
30.1074, 14.5322, 46.0774



2.9414, 1.4189, 4.5389

Previews

White Background



This preview shows how the XYZ color 73.4053, 89.5830, 74.3952 looks on a white background.

Color Contrast Check

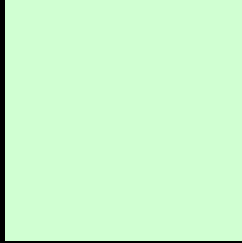
Large Text (above 18pt) WCAG AA × Fail

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 73.4053, 89.5830, 74.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

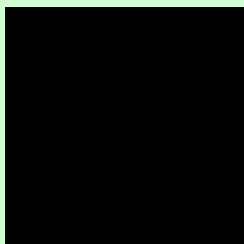
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

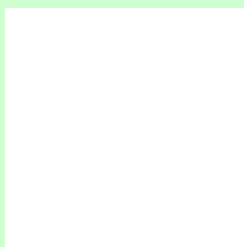
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4053, 89.5830, 74.3952

Background



This preview shows how black text looks on a background with the XYZ color 73.4053, 89.5830, 74.3952.



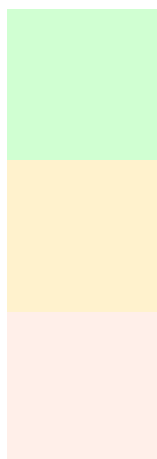
This preview shows how white text looks on a background with the XYZ color 73.4053, 89.5830,

74.3952.

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

73.4053, 89.5830, 74.3952

Protanopia

84.0116, 89.1720, 70.5416

Deuteranopia

86.8145, 88.8762, 89.6700



Tritanopia

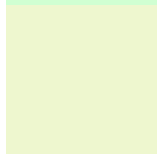
83.3355, 89.3478, 107.4613

Trichromacy



Original Color

73.4053, 89.5830, 74.3952



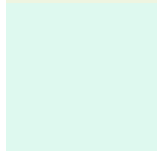
Protanomaly

79.7831, 89.2037, 72.0445



Deuteranomaly

81.5029, 88.9182, 84.1014



Tritanomaly

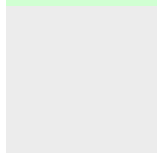
79.5799, 89.5130, 94.7448

Monochromacy



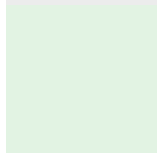
Original Color

73.4053, 89.5830, 74.3952



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.2798, 85.8160, 85.1641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4053, 89.5830, 74.3952 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(208, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 210)  
}
```

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(208, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 73.4053, 89.5830, 74.3952 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(208, 255, 210) }
```


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

```
.border{ border-color:rgb(208, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4053, 89.5830, 74.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 210) }
```

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

```
.background{ background-color: rgb(208,  
255, 210) }
```

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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