

Converting Colors

XYZ(73.1582, 89.4842, 73.0921)

Have a look what the booklet for
XYZ(73.1582, 89.4842, 73.0921)
contains.

XYZ(73.1576, 89.4840, 73.0908)	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(73.1576, 89.4840,
73.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFD0
RGB	208, 255, 208
RGB Percent	82%, 100%, 82%
CMY	0.1843, 0.0000, 0.1843
CMYK	0.18, 0.00, 0.18, 0.00
HSL	120°, 100%, 91%
HSV	120°, 18%, 100%
XYZ	73.1576, 89.4840, 73.0908
YIQ	235.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

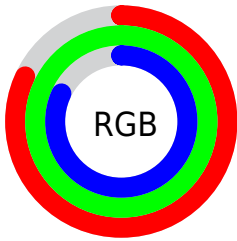
Format	Color
R_{YB}	208, 255, 255
Decimal	13696976
CIE _{Lab}	95.78, -23.60, 17.61
CIE _{LCh}	96, 29.444, 143.267
Yxy	89.4840, 0.3103, 0.3796
Android (android.graphics.Color)	4291887056 (0xFFD0FFD0)
YUV	235.5890, -13.6014, -24.1956
Hunter-Lab	94.5960, -27.4966, 20.4060

Details

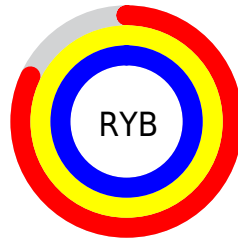
The XYZ color **73.1576, 89.4840, 73.0908** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.8461, 73.5924, 104.4981**, and the grayscale version is **79.5219, 83.6632, 91.1092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1637, 49.4936, 38.0609** is the 20% darker color. If you saturate the color by 10%, you get **63.6656, 84.9245, 57.5652**, and if you desaturate by 10%, it is **84.3080, 94.8401, 91.3295**.

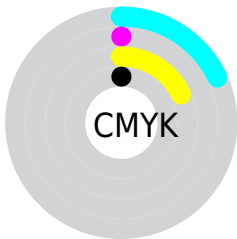
Distribution



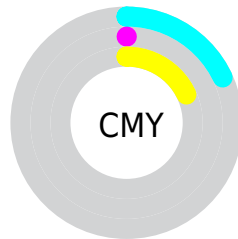
- Red (82%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- 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 73.1576, 89.4840, 73.0908 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 73.1576, 89.4840, 73.0908 by changing the saturation by 10% instead.

73.1576, 89.4840,
73.0908

73.1576, 89.4840,
73.0908

460.6562,
526.3509, 490.4087

54.3937, 67.5528,
53.5579

122.7028,
146.6214, 125.3282

39.1484, 49.5340,
37.8576

154.2149,
182.5964, 158.8699

27.0564, 35.0432,
25.5712

190.7070,
224.0214, 197.9182

17.7524, 23.6962,
16.2802

232.5445,
271.2809, 242.8917

10.8710, 15.1084,
9.5662

280.0929,
324.7592, 294.2089

6.0468, 8.8955,
5.0105

333.7174,

2.9145, 4.6731,

384.8407, 352.2885

2.1946

393.7833,
451.9098, 417.5489

■ 1.1087, 2.0568,
0.6712

■ 0.0324, 0.6401,
0.0000

■ 73.1576, 89.4840,
73.0908

■ 73.1576, 89.4840,
73.0908

■ 63.6656, 84.9245,
57.5652

■ 84.3080, 94.8401,
91.3295

■ 55.7509, 81.1227,
44.6194

95.0500, 100.0000,
108.9000

■ 49.3289, 78.0378,
34.1149

■ 44.3057, 75.6249,
25.8986

■ 40.5774, 73.8340,
19.8002

■ 38.0253, 72.6081,
15.6256

■ 36.5090, 71.8798,
13.1454

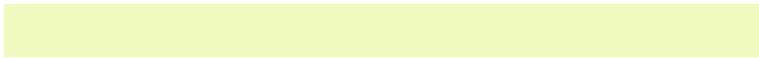
■ 35.8320, 71.5546,
12.0379

■ 35.7600, 71.5200,
11.9201

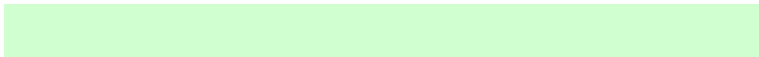
Harmonies

Analogous

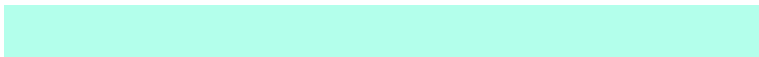
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0401, 89.4840, 61.8971



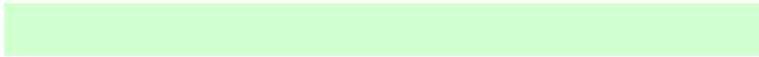
73.1576, 89.4840, 73.0908



70.4877, 89.4840, 92.2904

Triad

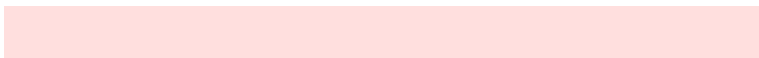
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1576, 89.4840, 73.0908



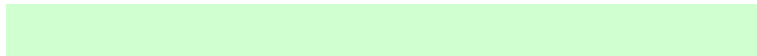
83.2368, 89.4840, 148.8493



100.1955, 89.4840, 80.8364

Complementary

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



73.1576, 89.4840, 73.0908



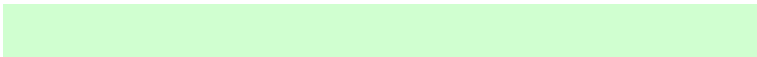
81.8461, 73.5924, 104.4981

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.



101.4956, 89.4840, 102.7629



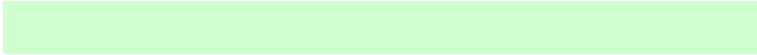
73.1576, 89.4840, 73.0908



91.3610, 89.4840, 144.4841

Square

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



73.1576, 89.4840, 73.0908



76.0628, 89.4840, 137.7819



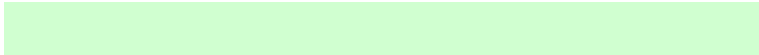
98.1701, 89.4840, 126.6557



94.7226, 89.4840, 65.8475

Rectangle

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



73.1576, 89.4840, 73.0908



70.7603, 89.4840, 108.0442



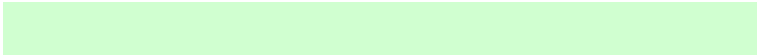
98.1701, 89.4840, 126.6557



101.1488, 89.4840, 87.5401

Sweetspot

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



73.1582, 89.4843, 73.0922



87.2771, 96.2663, 96.1860



88.3853, 97.3341, 73.8043



18.5080, 20.5219, 20.3049



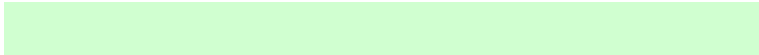
0.0000, 0.0000, 0.0000



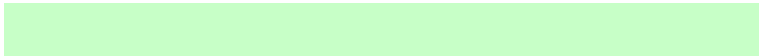
20.3446, 21.4041, 23.3091

Same Dimension

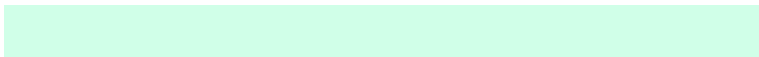
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1582, 89.4843, 73.0922



69.5840, 87.7674, 67.2458



76.2674, 90.7280, 89.4651



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

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



81.8461, 73.5924, 104.4981



79.6903, 69.2808, 103.7794



78.2908, 72.1703, 85.7765



18.7927, 18.3004, 22.7917



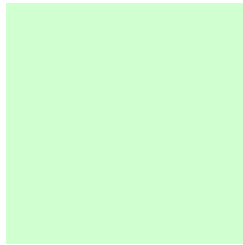
30.9800, 14.8813, 50.6725



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 73.1576, 89.4840, 73.0908 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 73.1576, 89.4840, 73.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

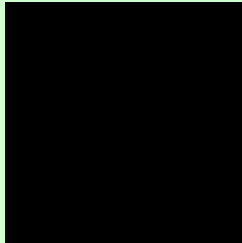
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

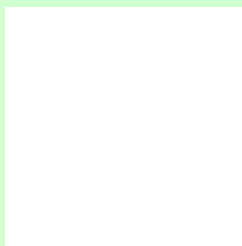
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1576, 89.4840, 73.0908

Background



This preview shows how black text looks on a background with the XYZ color 73.1576, 89.4840, 73.0908.



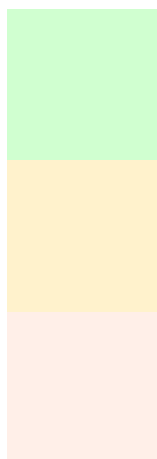
This preview shows how white text looks on a background with the XYZ color 73.1576, 89.4840,

73.0908.

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

73.1576, 89.4840, 73.0908

Protanopia

83.8912, 89.1239, 69.9078

Deuteranopia

86.6720, 88.8192, 88.9196



Tritanopia

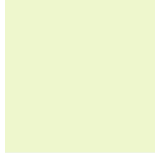
83.3355, 89.3478, 107.4613

Trichromacy



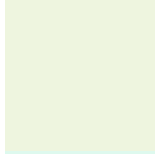
Original Color

73.1576, 89.4840, 73.0908



Protanomaly

79.5401, 89.1064, 70.7647



Deuteranomaly

81.2316, 88.8097, 82.6727



Tritanomaly

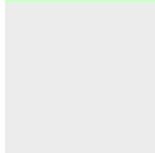
79.4325, 89.4540, 93.9687

Monochromacy



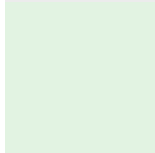
Original Color

73.1576, 89.4840, 73.0908



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.1421, 85.7609, 84.4392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1576, 89.4840, 73.0908 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, 208)` looks like.

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

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, 208) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 73.1576, 89.4840, 73.0908 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, 208) }
```


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

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

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, 208)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 73.1576, 89.4840, 73.0908 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, 208) }
```

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

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

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