

Converting Colors

XYZ(74.2359, 91.6817, 76.6819)

Have a look what the booklet for
XYZ(74.2359, 91.6817, 76.6819)
contains.

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Color

**XYZ(73.2238, 89.4459,
76.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFFD5
RGB	206, 255, 213
RGB Percent	81%, 100%, 84%
CMY	0.1922, 0.0000, 0.1647
CMYK	0.19, 0.00, 0.16, 0.00
HSL	129°, 100%, 90%
HSV	129°, 19%, 100%
XYZ	73.2238, 89.4459, 76.3563
YIQ	235.5610, -15.7220, -23.4500

Conversions

Conversions Part 2

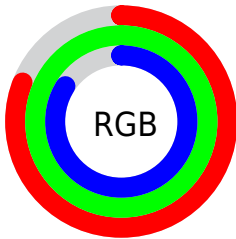
Format	Color
R _Y B	206, 249, 255
Decimal	13565909
CIE _{Lab}	95.77, -23.39, 15.01
CIE _{LCh}	96, 27.794, 147.307
Y _{xy}	89.4459, 0.3063, 0.3742
Android (android.graphics.Color)	4291755989 (0xFFCEFFD5)
YUV	235.5610, -11.1226, -25.9250
Hunter-Lab	94.5758, -27.3070, 18.3350

Details

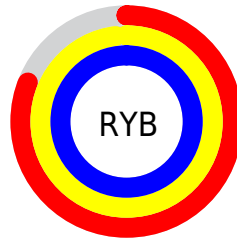
The XYZ color **73.2238, 89.4459, 76.3563** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.2548, 72.1805, 98.5087**, and the grayscale version is **79.4836, 83.6230, 91.0654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1281, 49.4361, 39.8276** is the 20% darker color. If you saturate the color by 10%, you get **64.1193, 85.0516, 62.4113**, and if you desaturate by 10%, it is **83.8520, 94.5825, 92.3271**.

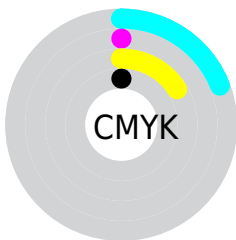
Distribution



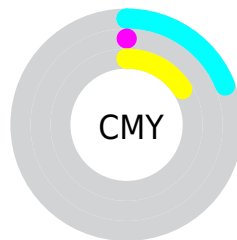
- Red (81%)
- Green (100%)
- Blue (84%)



- Red (81%)
- Yellow (98%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2238, 89.4459, 76.3563 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 73.2238, 89.4459, 76.3563 by changing the saturation by 10% instead.


 73.2238, 89.4459,
76.3563

 73.2238, 89.4459,
76.3563


460.8819,
526.2267, 501.9458

 54.4480, 67.5212,
56.2163


122.7963,
146.5685, 129.9951

 39.1920, 49.5083,
39.9712


154.3237,
182.5351, 164.3311

 27.0906, 35.0229,
27.2025


190.8324,
223.9512, 204.2360

 17.7782, 23.6805,
17.4916

232.6876,
271.2011, 250.1286

 10.8896, 15.0968,
10.4199

280.2549,
324.6692, 302.4273

 6.0594, 8.8873,
5.5690

333.8994,

 2.9222, 4.6678,

384.7399, 361.5508

2.5203

393.9866,
451.7976, 427.9174

■ 1.1128, 2.0537,
0.8509

■ 0.0358, 0.6384,
0.0000

■ 73.2238, 89.4459,
76.3563

■ 73.2238, 89.4459,
76.3563

■ 64.1193, 85.0516,
62.4113

■ 83.8520, 94.5825,
92.3271

■ 56.4664, 81.3641,
50.4072

95.0500, 100.0000,
108.9000

■ 50.1901, 78.3467,
40.2590

■ 45.2076, 75.9586,
31.8741

■ 41.4276, 74.1547,
25.1518

■ 38.7460, 72.8840,
19.9811

■ 37.0411, 72.0862,
16.2375

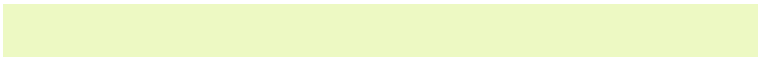
■ 36.1373, 71.6738,
13.7762

■ 36.0851, 71.6500,
13.6320

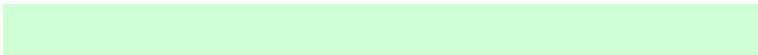
Harmonies

Analogous

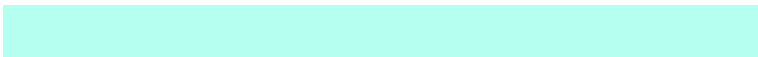
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4424, 89.4459, 64.5401



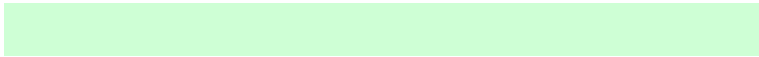
73.2238, 89.4459, 76.3563



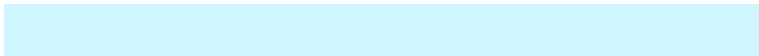
71.1481, 89.4459, 95.4245

Triad

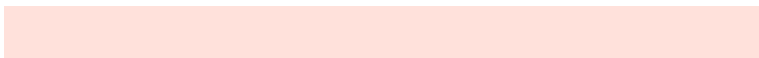
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2238, 89.4459, 76.3563



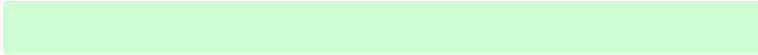
84.3261, 89.4459, 145.8422



98.7722, 89.4459, 79.3099

Complementary

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



73.2238, 89.4459, 76.3563



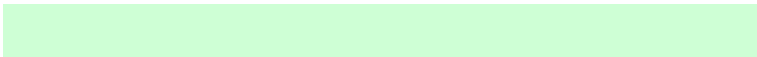
80.2548, 72.1805, 98.5087

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.



100.5773, 89.4459, 99.3851



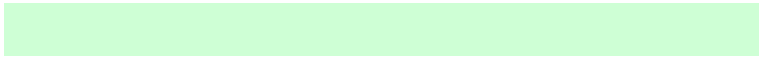
73.2238, 89.4459, 76.3563



91.9462, 89.4459, 139.8407

Square

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



73.2238, 89.4459, 76.3563



77.3128, 89.4459, 137.3355



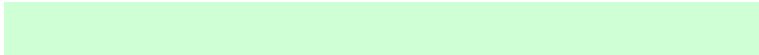
98.0100, 89.4459, 121.9731



93.2139, 89.4459, 66.0570

Rectangle

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



73.2238, 89.4459, 76.3563



71.7269, 89.4459, 110.4734



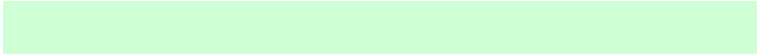
98.0100, 89.4459, 121.9731



99.8520, 89.4459, 85.3852

Sweetspot

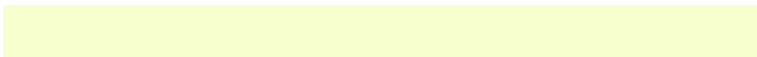
The Sweet Spot groups the original color and five complimentary colors.



73.2245, 89.4462, 76.3577



87.6033, 96.3968, 97.9039



85.7779, 96.0182, 72.4058



18.5847, 20.5526, 20.7092



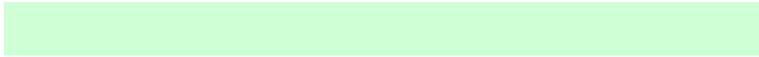
0.0000, 0.0000, 0.0000



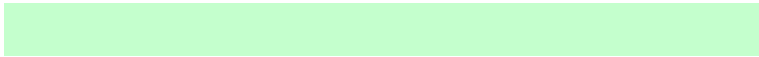
20.3446, 21.4041, 23.3091

Same Dimension

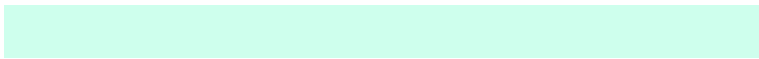
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2245, 89.4462, 76.3577



69.6029, 87.6975, 70.8455



76.5050, 90.7584, 93.6326



17.8773, 20.2104, 19.6567



18.8870, 37.4514, 7.2901



1.8692, 3.6586, 0.8692

Inverse Universe

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



80.2548, 72.1805, 98.5087



77.7889, 67.5899, 96.6350



76.7618, 70.7833, 80.1147



18.6745, 18.2531, 22.1690



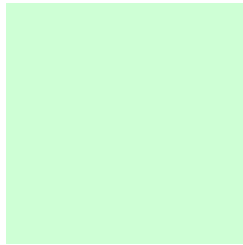
28.2428, 13.7864, 36.2589



2.7792, 1.3540, 3.6844

Previews

White Background



This preview shows how the XYZ color 73.2238, 89.4459, 76.3563 looks on a white background.

Color Contrast Check

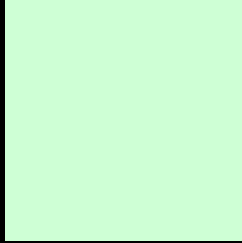
Large Text (above 18pt) WCAG AA × Fail

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 73.2238, 89.4459, 76.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

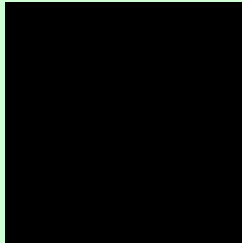
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

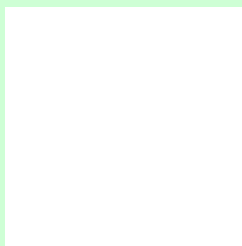
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2238, 89.4459, 76.3563

Background



This preview shows how black text looks on a background with the XYZ color 73.2238, 89.4459, 76.3563.

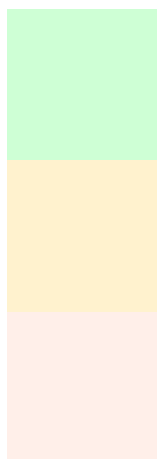


This preview shows how white text looks on a background with the XYZ color 73.2238, 89.4459,

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

73.2238, 89.4459, 76.3563

Protanopia

84.1327, 89.2205, 71.1795

Deuteranopia

86.8145, 88.8762, 89.6700



Tritanopia

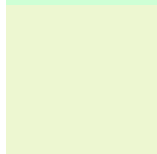
83.0155, 89.1828, 107.4464

Trichromacy



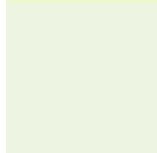
Original Color

73.2238, 89.4459, 76.3563



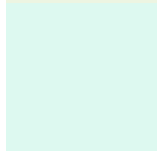
Protanomaly

79.6944, 89.1295, 73.3250



Deuteranomaly

81.3049, 88.8003, 84.8065



Tritanomaly

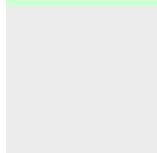
79.4227, 89.4148, 95.5108

Monochromacy



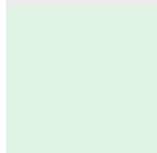
Original Color

73.2238, 89.4459, 76.3563



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.1055, 85.7102, 85.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2238, 89.4459, 76.3563 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(206, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 213)  
}
```

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(206, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 73.2238, 89.4459, 76.3563 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(206, 255, 213) }
```


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

```
.border{ border-color:rgb(206, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2238, 89.4459, 76.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 213) }
```

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

```
.background{ background-color: rgb(206,  
255, 213) }
```

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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