

Converting Colors

XYZ(74.0252, 83.5359, 83.7972)

Have a look what the booklet for
XYZ(74.0252, 83.5359, 83.7972)
contains.

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Color

**XYZ(73.9580, 83.6922,
83.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F2E1
RGB	217, 242, 225
RGB Percent	85%, 95%, 88%
CMY	0.1490, 0.0510, 0.1176
CMYK	0.10, 0.00, 0.07, 0.05
HSL	139°, 49%, 90%
HSV	139°, 10%, 95%
XYZ	73.9580, 83.6922, 83.4904
YIQ	232.5870, -9.4430, -10.5870

Conversions

Conversions Part 2

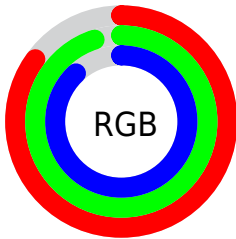
Format	Color
R _Y B	217, 236, 242
Decimal	14283489
CIE Lab	93.32, -11.30, 5.42
CIE LCh	93, 12.536, 154.388
Yxy	83.6922, 0.3067, 0.3471
Android (android.graphics.Color)	4292473569 (0xFFD9F2E1)
YUV	232.5870, -3.7404, -13.6698
Hunter-Lab	91.4834, -15.7912, 9.9287

Details

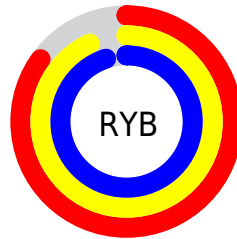
The XYZ color **73.9580, 83.6922, 83.4904** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2851, 74.4455, 88.1945**, and the grayscale version is **77.1759, 81.1951, 88.4214**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7149, 45.7015, 44.7583** is the 20% darker color. If you saturate the color by 10%, you get **65.1477, 79.3997, 71.9184**, and if you desaturate by 10%, it is **84.0443, 88.6222, 96.2553**.

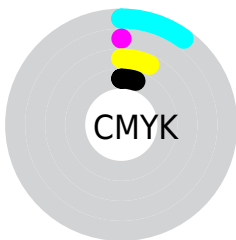
Distribution



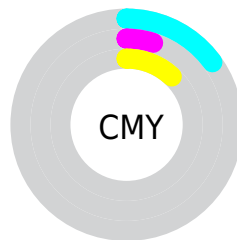
- Red (85%)
- Green (95%)
- Blue (88%)



- Red (85%)
- Yellow (93%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9580, 83.6922, 83.4904 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 73.9580, 83.6922, 83.4904 by changing the saturation by 10% instead.

73.9580, 83.6922,
83.4904

73.9580, 83.6922,
83.4904

463.3809,
507.2906, 526.6332

55.0508, 62.7613,
62.0518

123.8321,
138.5445, 140.1175

39.6764, 45.6482,
44.6385

155.5297,
173.2348, 176.1430

27.4694, 31.9683,
30.8319

192.2215,
213.2803, 217.8680

18.0645, 21.3373,
20.2135

234.2729,
259.0655, 265.7110

11.0963, 13.3708,
12.3647

282.0492,
310.9747, 320.0904

6.1994, 7.6843,
6.8670

335.9157,

3.0085, 3.8936,

369.3923, 381.4249

3.3019

396.2378,
434.7028, 450.1330

■ 1.1583, 1.6142,
1.2508

■ 0.0730, 0.3672,
0.0209

■ 73.9580, 83.6922,
83.4904

■ 73.9580, 83.6922,
83.4904

■ 65.1477, 79.3997,
71.9184

■ 84.0443, 88.6222,
96.2553

■ 57.5544, 75.7080,
61.4995

■ 91.0437, 91.9875,
107.5646

■ 51.1252, 72.5928,
52.1998

■ 45.8001, 70.0240,
43.9815

■ 41.5139, 67.9687,
36.8049

■ 38.1938, 66.3905,
30.6277

■ 35.7574, 65.2475,
25.4044

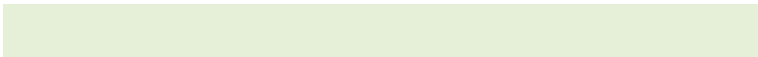
■ 34.1073, 64.4908,
21.0862

■ 33.1086, 64.0494,
17.7192

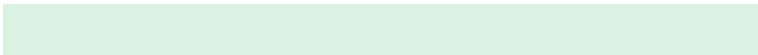
Harmonies

Analogous

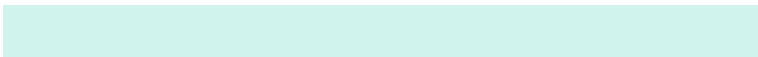
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0146, 83.6922, 76.9299



73.9580, 83.6922, 83.4904



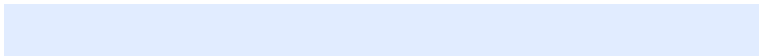
73.3830, 83.6922, 92.5250

Triad

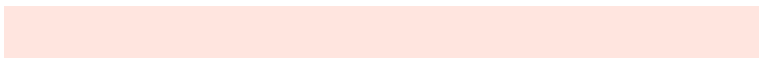
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9580, 83.6922, 83.4904



80.0337, 83.6922, 110.4852



84.9022, 83.6922, 81.2378

Complementary

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



73.9580, 83.6922, 83.4904



76.2851, 74.4455, 88.1945

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.



86.0467, 83.6922, 89.7424



73.9580, 83.6922, 83.4904



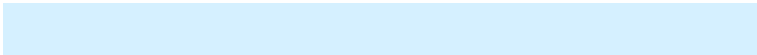
83.1870, 83.6922, 106.9704

Square

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



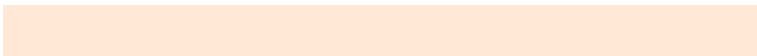
73.9580, 83.6922, 83.4904



76.8339, 83.6922, 108.5261



85.4106, 83.6922, 99.2147



82.3231, 83.6922, 75.6938

Rectangle

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



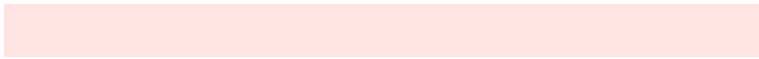
73.9580, 83.6922, 83.4904



73.9034, 83.6922, 98.8428



85.4106, 83.6922, 99.2147



85.4706, 83.6922, 83.8228

Sweetspot

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



73.9603, 83.6958, 83.4922



91.4649, 98.2473, 104.4192



78.2387, 86.0245, 78.1275



19.3770, 20.9311, 22.0982



0.0000, 0.0000, 0.0000



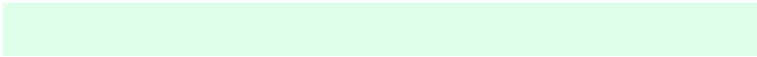
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9603, 83.6958, 83.4922



81.5033, 93.3828, 91.7147



75.7172, 84.3985, 92.7437



15.7743, 17.7397, 17.8344



17.8403, 34.4281, 9.8081



1.5278, 2.8816, 1.0458

Inverse Universe

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



76.2851, 74.4455, 88.1945



84.5167, 81.3919, 97.8094



74.5624, 73.7565, 79.1230



16.2265, 15.9403, 18.7492



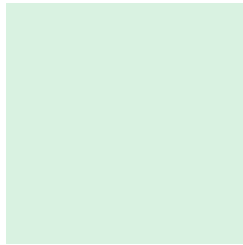
23.3639, 11.6180, 20.3646



1.9888, 0.9845, 1.9317

Previews

White Background



This preview shows how the XYZ color 73.9580, 83.6922, 83.4904 looks on a white background.

Color Contrast Check

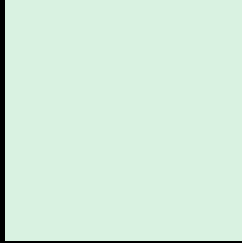
Large Text (above 18pt) WCAG AA × Fail

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 73.9580, 83.6922, 83.4904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

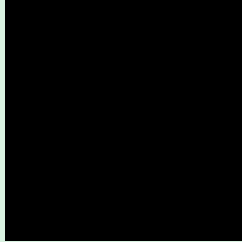
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

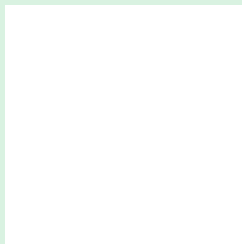
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9580, 83.6922, 83.4904

Background



This preview shows how black text looks on a background with the XYZ color 73.9580, 83.6922, 83.4904.



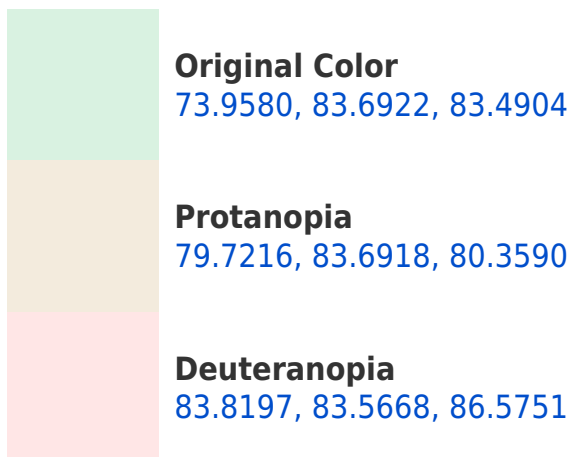
This preview shows how white text looks on a background with the XYZ color 73.9580, 83.6922,

83.4904.

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

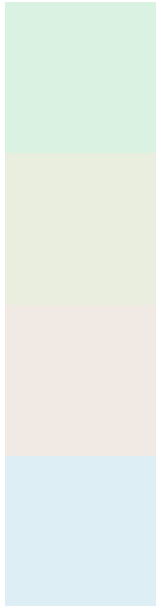




Tritanopia

78.7656, 83.4763, 106.5689

Trichromacy



Original Color

73.9580, 83.6922, 83.4904

Protanomaly

77.6910, 83.9154, 81.2098

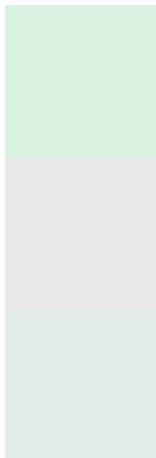
Deuteranomaly

79.7020, 83.1478, 85.2472

Tritanomaly

77.0144, 83.6368, 97.6724

Monochromacy



Original Color

73.9580, 83.6922, 83.4904

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.9569, 82.0350, 86.6939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9580, 83.6922, 83.4904 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(217, 242, 225)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 225)  
}
```

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(217, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.9580, 83.6922, 83.4904 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(217, 242, 225) }
```


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

```
.border{ border-color:rgb(217, 242, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 242, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9580, 83.6922, 83.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 225) }
```

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

```
.background{ background-color: rgb(217,  
242, 225) }
```

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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