

Converting Colors

XYZ(74.4053, 80.1414, 93.4773)

Have a look what the booklet for
XYZ(74.4053, 80.1414, 93.4773)
contains.

XYZ(74.5180, 80.2933, 93.2320)	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(74.5180, 80.2933,
93.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEAEF
RGB	220, 234, 239
RGB Percent	86%, 92%, 94%
CMY	0.1372, 0.0823, 0.0627
CMYK	0.08, 0.02, 0.00, 0.06
HSL	196°, 37%, 90%
HSV	196°, 8%, 94%
XYZ	74.5180, 80.2933, 93.2320
YIQ	230.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

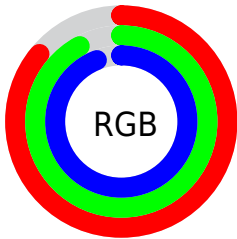
Format	Color
R _Y B	220, 228, 239
Decimal	14478063
CIE Lab	91.82, -3.68, -4.03
CIE LCh	92, 5.455, 227.585
Yxy	80.2933, 0.3004, 0.3237
Android (android.graphics.Color)	4292668143 (0xFFDCEAEF)
YUV	230.3840, 4.2477, -9.1068
Hunter-Lab	89.6065, -8.3684, 1.0357

Details

The XYZ color **74.5180, 80.2933, 93.2320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.4404, 77.3678, 78.6688**, and the grayscale version is **75.4749, 79.4055, 86.4726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9847, 43.2590, 51.0422** is the 20% darker color. If you saturate the color by 10%, you get **66.0382, 73.3146, 92.3332**, and if you desaturate by 10%, it is **84.1001, 87.9389, 94.2040**.

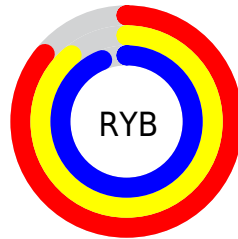
Distribution



Red (86%)

Green (92%)

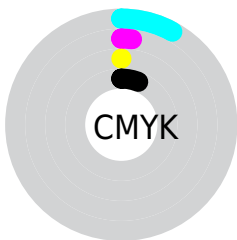
Blue (94%)



Red (86%)

Yellow (89%)

Blue (94%)

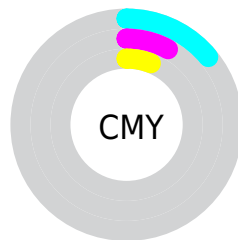


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (8%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5180, 80.2933, 93.2320 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 74.5180, 80.2933, 93.2320 by changing the saturation by 10% instead.

■ 74.5180, 80.2933,
93.2320

■ 74.5180, 80.2933,
93.2320

465.2820,
495.9207, 559.3284

■ 55.5109, 59.9597,
70.0756

124.6214,
133.7780, 153.7943

■ 40.0464, 43.3862,
51.1110

156.4484,
167.6980, 192.0372

■ 27.7591, 30.1882,
35.9196

193.2794,
206.9155, 236.1461

■ 18.2836, 19.9815,
24.0829

235.4798,
251.8150, 286.5394

■ 11.2547, 12.3816,
15.1824

283.4149,
302.7809, 343.6358

■ 6.3070, 7.0041,
8.7994

337.4500,

■ 3.0751, 3.4647,

360.1975, 407.8537

4.5156

397.9506,
424.4494, 479.6117

■ 1.1936, 1.3789,
1.9122

■ 0.1013, 0.2011,
0.5005

■ 74.5180, 80.2933,
93.2320

■ 74.5180, 80.2933,
93.2320

■ 66.0382, 73.3146,
92.3332

■ 84.1001, 87.9389,
94.2040

■ 58.6093, 66.9687,
91.4998

■ 89.9512, 93.7541,
95.0180

■ 52.1863, 61.2337,
90.7314

■ 91.9014, 97.6544,
95.6681

■ 46.7180, 56.0821,
90.0252

■ 92.5802, 99.0121,
95.8943

■ 42.1484, 51.4842,
89.3786

■ 38.4154, 47.4067,
88.7883

■ 35.4485, 43.8125,
88.2509

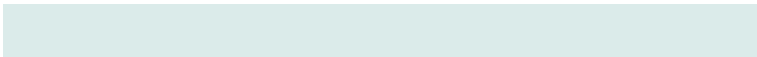
■ 33.1649, 40.6576,
87.7623

■ 31.4510, 37.8825,
87.3170

Harmonies

Analogous

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



73.7831, 80.2933, 89.7717



74.5180, 80.2933, 93.2320



75.7400, 80.2933, 95.1599

Triad

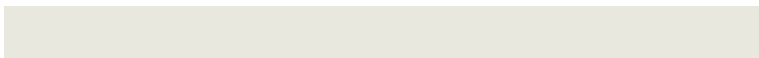
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5180, 80.2933, 93.2320



78.9712, 80.2933, 89.0910



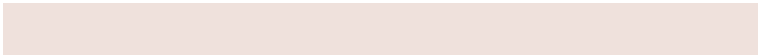
75.5073, 80.2933, 80.2921

Complementary

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



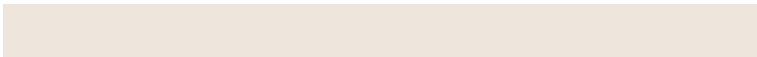
74.5180, 80.2933, 93.2320



75.4404, 77.3678, 78.6688

Split Complementary

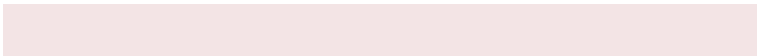
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8956, 80.2933, 80.1224



74.5180, 80.2933, 93.2320



78.9070, 80.2933, 85.1210

Square

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



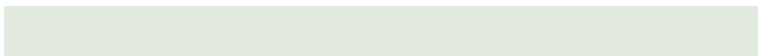
74.5180, 80.2933, 93.2320



78.3177, 80.2933, 92.7206



78.1434, 80.2933, 81.8657



74.3494, 80.2933, 82.3364

Rectangle

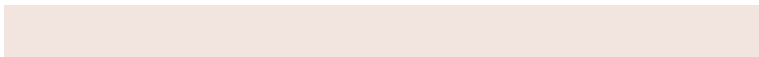
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



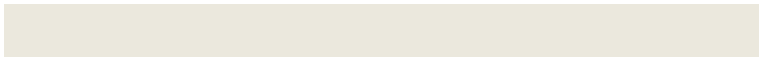
74.5180, 80.2933, 93.2320



76.6716, 80.2933, 95.2792



78.1434, 80.2933, 81.8657



75.9622, 80.2933, 80.0162

Sweetspot

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



74.5203, 80.2967, 93.2338



92.7722, 98.1928, 108.6712



73.9395, 82.3726, 83.0592



19.8810, 21.0363, 23.2625



0.0000, 0.0000, 0.0000



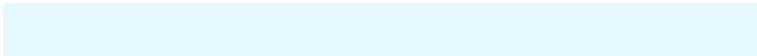
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5203, 80.2967, 93.2338



84.1809, 91.2763, 107.7890



71.9541, 75.1643, 92.3784



15.8752, 17.1845, 20.2018



17.3185, 20.8612, 48.2417



1.5213, 1.8965, 4.0401

Inverse Universe

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



76.0429, 75.4792, 88.4070



86.3869, 84.3713, 100.7788



78.0102, 82.5075, 79.5254



16.2664, 15.9563, 18.9593



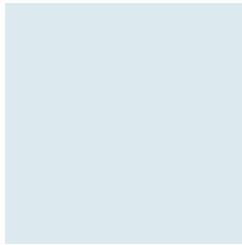
24.0672, 11.8993, 24.0681



2.0428, 1.0062, 2.2163

Previews

White Background



This preview shows how the XYZ color 74.5180, 80.2933, 93.2320 looks on a white background.

Color Contrast Check

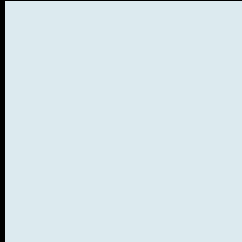
Large Text (above 18pt) WCAG AA × Fail

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 74.5180, 80.2933, 93.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

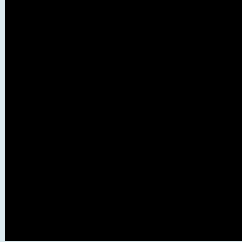
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

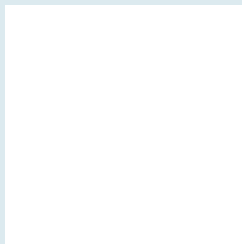
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5180, 80.2933, 93.2320

Background



This preview shows how black text looks on a background with the XYZ color 74.5180, 80.2933, 93.2320.

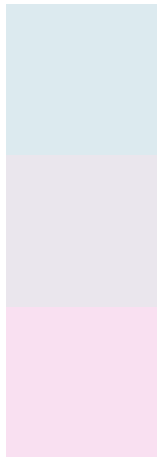


This preview shows how white text looks on a background with the XYZ color 74.5180, 80.2933,

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

74.5180, 80.2933, 93.2320

Protanopia

77.5146, 80.2005, 91.5155

Deuteranopia

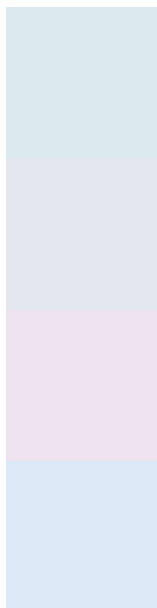
81.5998, 79.8019, 94.3216



Tritanopia

76.3934, 80.2079, 102.7221

Trichromacy



Original Color

74.5180, 80.2933, 93.2320

Protanomaly

76.3216, 79.9829, 92.3046

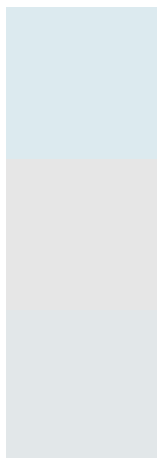
Deuteranomaly

78.7315, 79.9552, 93.7214

Tritanomaly

75.7462, 80.3654, 99.5155

Monochromacy



Original Color

74.5180, 80.2933, 93.2320

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6479, 79.2038, 88.4443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5180, 80.2933, 93.2320 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(220, 234, 239)` looks like.

```
.text, #text, p{  
    color:rgb(220, 234, 239)  
}
```

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(220, 234, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 234, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.5180, 80.2933, 93.2320 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(220, 234, 239) }
```


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

```
.border{ border-color:rgb(220, 234, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 234, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 234, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 234, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 234,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5180, 80.2933, 93.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 234, 239) }
```

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

```
.background{ background-color: rgb(220,  
234, 239) }
```

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