

Converting Colors

XYZ(74.8702, 79.5587, 93.2487)

Have a look what the booklet for
XYZ(74.8702, 79.5587, 93.2487)
contains.

XYZ(74.8680, 79.6332, 93.0861)	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(74.8680, 79.6332,
93.0861)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE8EF
RGB	223, 232, 239
RGB Percent	87%, 91%, 94%
CMY	0.1255, 0.0902, 0.0627
CMYK	0.07, 0.03, 0.00, 0.06
HSL	206°, 33%, 91%
HSV	206°, 7%, 94%
XYZ	74.8680, 79.6332, 93.0861
YIQ	230.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

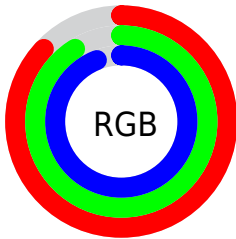
Format	Color
R _Y B	223, 229, 239
Decimal	14674159
CIE Lab	91.52, -1.68, -4.44
CIE LCh	92, 4.747, 249.251
Yxy	79.6332, 0.3024, 0.3216
Android (android.graphics.Color)	4292864239 (0xFFDFE8EF)
YUV	230.1070, 4.3842, -6.2328
Hunter-Lab	89.2374, -6.4084, 0.6191

Details

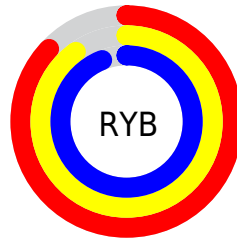
The XYZ color **74.8680, 79.6332, 93.0861** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2129, 80.2713, 81.2376**, and the grayscale version is **75.2675, 79.1873, 86.2349**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2210, 42.7944, 50.9400** is the 20% darker color. If you saturate the color by 10%, you get **65.1635, 70.3943, 91.8155**, and if you desaturate by 10%, it is **85.7915, 89.7645, 94.4671**.

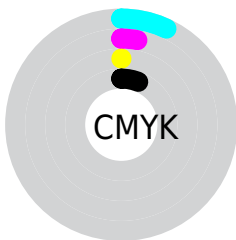
Distribution



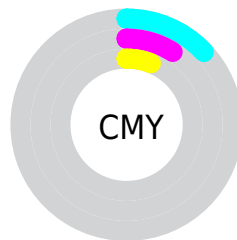
- Red (87%)
- Green (91%)
- Blue (94%)



- Red (87%)
- Yellow (90%)
- Blue (94%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8680, 79.6332, 93.0861 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 74.8680, 79.6332, 93.0861 by changing the saturation by 10% instead.

■ 74.8680, 79.6332,
93.0861

■ 74.8680, 79.6332,
93.0861

466.4679,
493.6958, 558.8466

■ 55.7986, 59.4166,
69.9550

125.1144,
132.8499, 153.5905

■ 40.2778, 42.9485,
51.0133

157.0221,
166.6188, 191.8010

■ 27.9404, 29.8447,
35.8424

193.9398,
205.6738, 235.8749

■ 18.4209, 19.7208,
24.0238

236.2331,
250.3995, 286.2310

■ 11.3541, 12.1922,
15.1389

284.2672,
301.1801, 343.2876

■ 6.3746, 6.8747,
8.7692

338.4074,

■ 3.1170, 3.3839,

358.4001, 407.4634

4.4962

399.0192,
422.4439, 479.1769

■ 1.2159, 1.3353,
1.9013

■ 0.1189, 0.1683,
0.4936

■ 74.8680, 79.6332,
93.0861

■ 74.8680, 79.6332,
93.0861

■ 65.1635, 70.3943,
91.8155

■ 85.7915, 89.7645,
94.4671

■ 56.6247, 62.0095,
90.6471

■ 91.9161, 97.6839,
95.6729

■ 49.2045, 54.4519,
89.5795

■ 92.5802, 99.0121,
95.8943

■ 42.8498, 47.6895,
88.6091

■ 37.5025, 41.6876,
87.7325

■ 33.0988, 36.4081,
86.9455

■ 29.5667, 31.8089,
86.2439

■ 26.8223, 27.8412,
85.6227

■ 24.7602, 24.4452,
85.0759

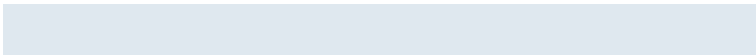
Harmonies

Analogous

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



73.9022, 79.6332, 90.9900



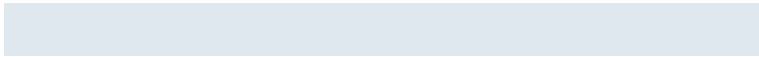
74.8680, 79.6332, 93.0861



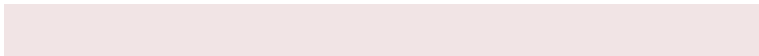
76.0635, 79.6332, 93.4487

Triad

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



74.8680, 79.6332, 93.0861



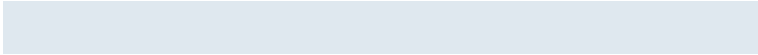
78.0077, 79.6332, 85.6406



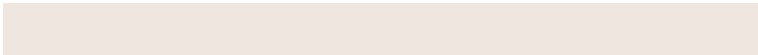
74.2269, 79.6332, 81.6507

Complementary

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



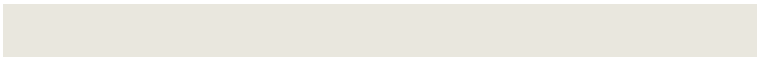
74.8680, 79.6332, 93.0861



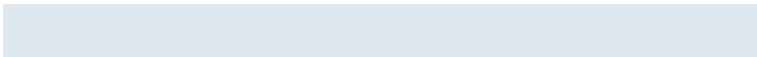
77.2129, 80.2713, 81.2376

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.



75.3157, 79.6332, 80.2976



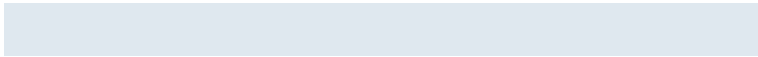
74.8680, 79.6332, 93.0861



77.5043, 79.6332, 82.5606

Square

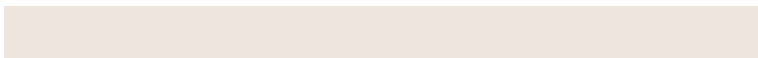
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8680, 79.6332, 93.0861



77.8848, 79.6332, 89.0882



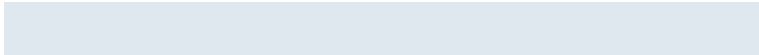
76.5159, 79.6332, 80.6262



73.5348, 79.6332, 84.3686

Rectangle

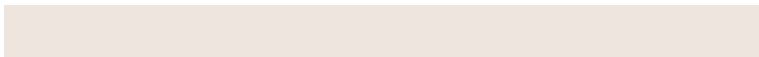
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8680, 79.6332, 93.0861



76.8311, 79.6332, 92.6492



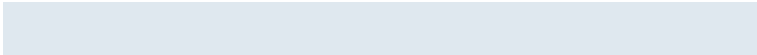
76.5159, 79.6332, 80.6262



74.5582, 79.6332, 81.0245

Sweetspot

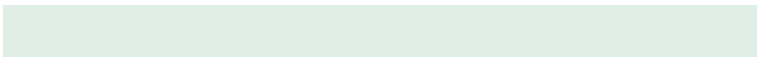
The Sweet Spot groups the original color and five complimentary colors.



74.8703, 79.6366, 93.0879



92.4912, 97.6309, 108.5776



75.5727, 83.1317, 86.8780



19.8238, 20.9219, 23.2435



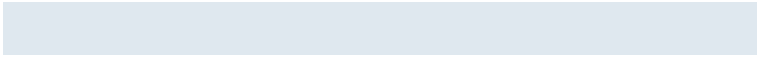
0.0000, 0.0000, 0.0000



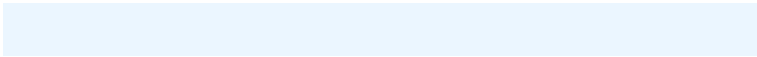
20.3446, 21.4041, 23.3091

Same Dimension

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



74.8703, 79.6366, 93.0879



85.1590, 90.7742, 107.6406



72.6862, 75.2684, 92.3598



15.6353, 16.7047, 20.1219



13.4917, 13.2077, 46.9661



1.2212, 1.2965, 3.9401

Inverse Universe

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



76.5515, 76.9538, 87.1668



87.4807, 87.1066, 99.4555



79.4722, 84.7900, 81.9907



16.1453, 15.9079, 18.3216



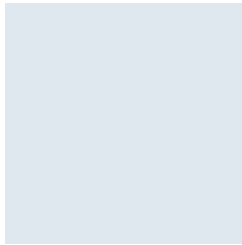
22.1356, 11.1267, 13.8966



1.8914, 0.9456, 1.4188

Previews

White Background



This preview shows how the XYZ color 74.8680, 79.6332, 93.0861 looks on a white background.

Color Contrast Check

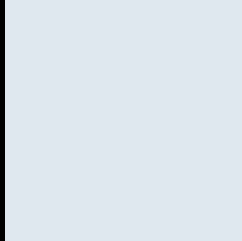
Large Text (above 18pt) WCAG AA × Fail

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 74.8680, 79.6332, 93.0861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

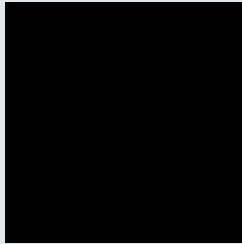
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

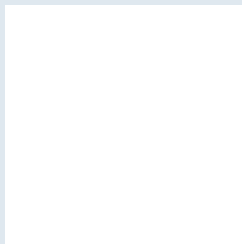
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8680, 79.6332, 93.0861

Background



This preview shows how black text looks on a background with the XYZ color 74.8680, 79.6332, 93.0861.



This preview shows how white text looks on a background with the XYZ color 74.8680, 79.6332,

93.0861.

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

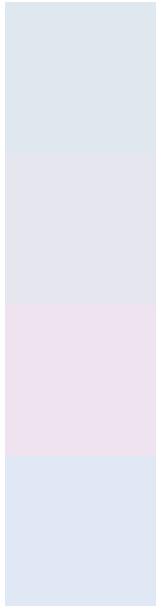




Tritanopia

76.4470, 79.4407, 100.9269

Trichromacy



Original Color

74.8680, 79.6332, 93.0861

Protanomaly

76.0425, 79.4247, 92.2115

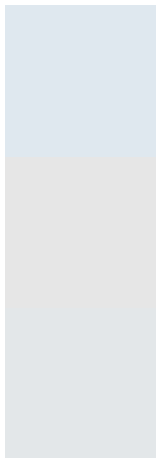
Deuteranomaly

78.7939, 79.5802, 93.6457

Tritanomaly

75.7978, 79.5917, 97.7540

Monochromacy



Original Color

74.8680, 79.6332, 93.0861

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9624, 79.3659, 88.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8680, 79.6332, 93.0861 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(223, 232, 239) looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 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(223, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.8680, 79.6332, 93.0861 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(223, 232, 239) }
```


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

```
.border{ border-color:rgb(223, 232, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 232, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8680, 79.6332, 93.0861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 239) }
```

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

```
.background{ background-color: rgb(223,  
232, 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