

Converting Colors

XYZ(76.3159, 82.0702, 93.4802)

Have a look what the booklet for
XYZ(76.3159, 82.0702, 93.4802)
contains.

XYZ(76.3159, 82.0702, 93.4802)	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(76.3159, 82.0702,
93.4802)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ECEF
RGB	224, 236, 239
RGB Percent	88%, 93%, 94%
CMY	0.1216, 0.0745, 0.0627
CMYK	0.06, 0.01, 0.00, 0.06
HSL	192°, 32%, 91%
HSV	192°, 6%, 94%
XYZ	76.3159, 82.0702, 93.4802
YIQ	232.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

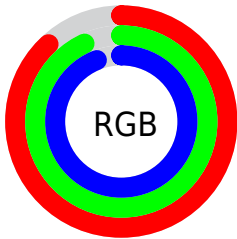
Format	Color
R _Y B	224, 231, 239
Decimal	14740719
CIE Lab	92.61, -3.40, -2.83
CIE LCh	93, 4.430, 219.782
Yxy	82.0702, 0.3030, 0.3258
Android (android.graphics.Color)	4292930799 (0xFFE0ECEF)
YUV	232.7540, 3.0793, -7.6773
Hunter-Lab	90.5926, -8.1673, 2.2350

Details

The XYZ color **76.3159, 82.0702, 93.4802** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5205, 78.6700, 81.6740**, and the grayscale version is **77.2511, 81.2741, 88.5075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2307, 44.4964, 51.2153** is the 20% darker color. If you saturate the color by 10%, you get **68.0675, 75.8068, 92.7073**, and if you desaturate by 10%, it is **85.6469, 88.9507, 94.3177**.

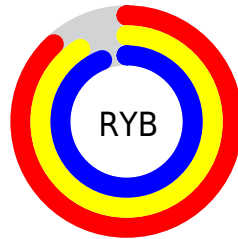
Distribution



Red (88%)

Green (93%)

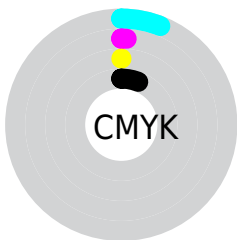
Blue (94%)



Red (88%)

Yellow (91%)

Blue (94%)

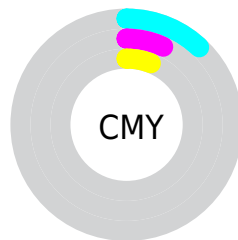


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3159, 82.0702, 93.4802 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 76.3159, 82.0702, 93.4802 by changing the saturation by 10% instead.

■ 76.3159, 82.0702,
93.4802

■ 76.3159, 82.0702,
93.4802

471.3562,
501.8825, 560.1475

■ 56.9895, 61.4234,
70.2808

127.1513,
136.2724, 154.1407

■ 41.2370, 44.5670,
51.2773

159.3911,
170.5967, 192.4389

■ 28.6928, 31.1165,
36.0511

196.6661,
210.2488, 236.6072

■ 18.9916, 20.6876,
24.1836

239.3416,
255.6133, 287.0640

■ 11.7682, 12.8958,
15.2564

287.7830,
307.0745, 344.2278

■ 6.6571, 7.3568,
8.8509

342.3557,

■ 3.2930, 3.6863,

365.0169, 408.5174

4.5486

403.4249,
429.8247, 480.3511

■ 1.3105, 1.4996,
1.9309

■ 0.1911, 0.2885,
0.5123

■ 76.3159, 82.0702,
93.4802

■ 76.3159, 82.0702,
93.4802

■ 68.0675, 75.8068,
92.7073

■ 85.6469, 88.9507,
94.3177

■ 60.8512, 70.1274,
91.9914

■ 89.6404, 93.1324,
94.9144

■ 54.6228, 65.0110,
91.3321

■ 91.1077, 96.0671,
95.4035

■ 49.3322, 60.4313,
90.7269

■ 92.5802, 99.0121,
95.8944

■ 44.9247, 56.3597,
90.1733

■ 41.3398, 52.7645,
89.6683

■ 38.5090, 49.6101,
89.2087

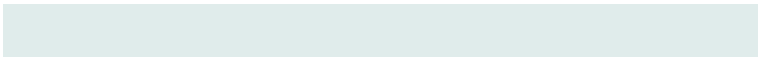
■ 36.3523, 46.8547,
88.7905

■ 34.7701, 44.4465,
88.4091

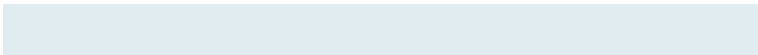
Harmonies

Analogous

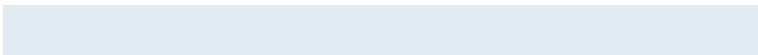
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8434, 82.0702, 90.4424



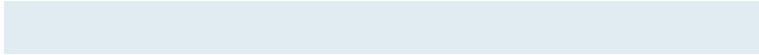
76.3159, 82.0702, 93.4802



77.2425, 82.0702, 95.4447

Triad

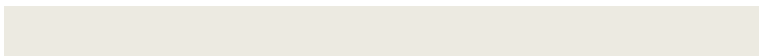
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3159, 82.0702, 93.4802



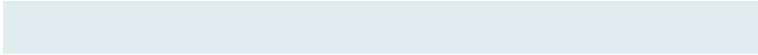
80.1017, 82.0702, 91.5701



77.6296, 82.0702, 83.2554

Complementary

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



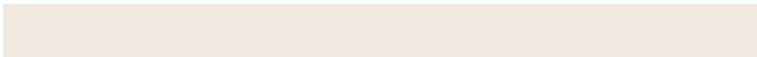
76.3159, 82.0702, 93.4802



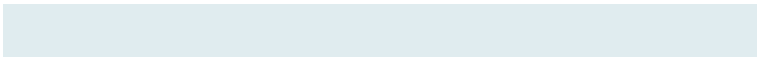
76.5205, 78.6700, 81.6740

Split Complementary

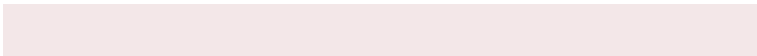
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7730, 82.0702, 83.5405



76.3159, 82.0702, 93.4802



80.2079, 82.0702, 88.2873

Square

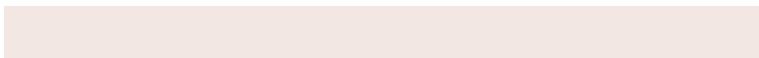
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



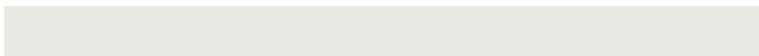
76.3159, 82.0702, 93.4802



79.4308, 82.0702, 94.3232



79.7194, 82.0702, 85.3636



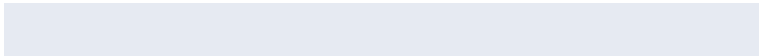
76.5969, 82.0702, 84.5750

Rectangle

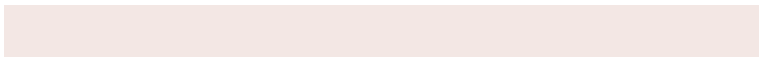
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



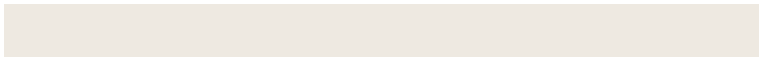
76.3159, 82.0702, 93.4802



77.9969, 82.0702, 95.8535



79.7194, 82.0702, 85.3636



78.0137, 82.0702, 83.1676

Sweetspot

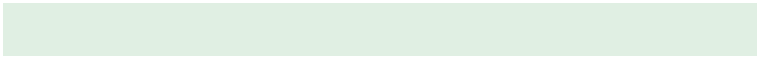
The Sweet Spot groups the original color and five complimentary colors.



76.3183, 82.0737, 93.4820



92.8744, 98.3973, 108.7053



75.4389, 83.1139, 84.5601



19.9018, 21.0779, 23.2695



0.0000, 0.0000, 0.0000



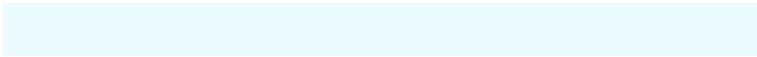
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3183, 82.0737, 93.4820



86.6528, 93.7617, 108.1385



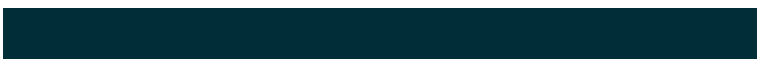
74.2719, 77.9810, 92.7999



15.9635, 17.3612, 20.2313



19.0320, 24.2883, 48.8129



1.6506, 2.1552, 4.0832

Inverse Universe

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



77.3944, 77.7197, 90.2833



88.2347, 87.4082, 103.4259



78.5465, 82.7220, 82.3494



16.3110, 15.9741, 19.1942



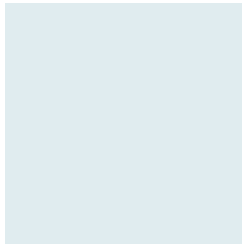
24.9321, 12.2453, 28.6227



2.1081, 1.0323, 2.5601

Previews

White Background



This preview shows how the XYZ color 76.3159, 82.0702, 93.4802 looks on a white background.

Color Contrast Check

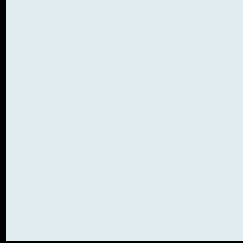
Large Text (above 18pt) WCAG AA × Fail

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 76.3159, 82.0702, 93.4802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

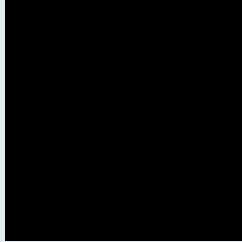
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

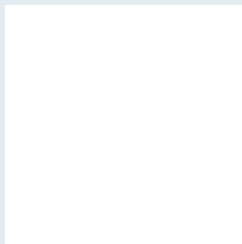
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3159, 82.0702, 93.4802

Background



This preview shows how black text looks on a background with the XYZ color 76.3159, 82.0702, 93.4802.



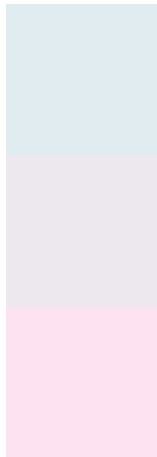
This preview shows how white text looks on a background with the XYZ color 76.3159, 82.0702,

93.4802.

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

76.3159, 82.0702, 93.4802

Protanopia

79.0677, 81.8322, 91.7486

Deuteranopia

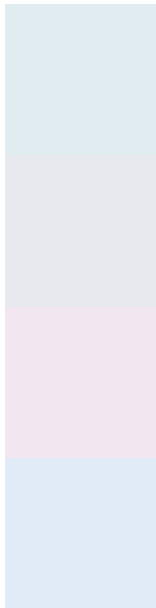
83.5816, 81.6262, 94.5693



Tritanopia

78.3575, 82.0427, 103.8014

Trichromacy



Original Color

76.3159, 82.0702, 93.4802

Protanomaly

77.8502, 81.6067, 92.5374

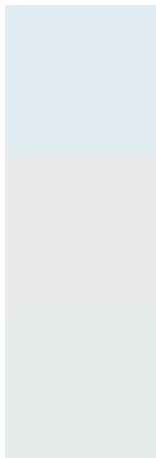
Deuteranomaly

80.6429, 81.7621, 93.9694

Tritanomaly

77.5482, 82.1396, 99.7630

Monochromacy



Original Color

76.3159, 82.0702, 93.4802

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.0513, 81.6668, 90.2995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3159, 82.0702, 93.4802 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(224, 236, 239) looks like.

```
.text, #text, p{  
    color:rgb(224, 236, 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(224, 236, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 236, 239) }
```

Border

The CSS property to change the border of an element to XYZ 76.3159, 82.0702, 93.4802 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(224, 236, 239) }
```


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

```
.border{ border-color:rgb(224, 236, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 236, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 236, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 236, 239);  
box-shadow:4px 4px 4px 4px rgb(224, 236,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3159, 82.0702, 93.4802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 236, 239) }
```

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

```
.background{ background-color: rgb(224,  
236, 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](#).

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