

Converting Colors

XYZ(76.3462, 80.5072, 93.1537)

Have a look what the booklet for
XYZ(76.3462, 80.5072, 93.1537)
contains.

XYZ(76.4315, 80.4392, 93.1593)	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(76.4315, 80.4392,
93.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E8EF
RGB	228, 232, 239
RGB Percent	89%, 91%, 94%
CMY	0.1059, 0.0902, 0.0627
CMYK	0.05, 0.03, 0.00, 0.06
HSL	218°, 26%, 92%
HSV	218°, 5%, 94%
XYZ	76.4315, 80.4392, 93.1593
YIQ	231.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

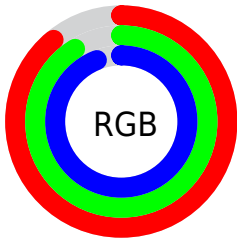
Format	Color
R _Y B	228, 231, 239
Decimal	15001839
CIE Lab	91.88, -0.05, -3.87
CIE LCh	92, 3.866, 269.292
Yxy	80.4392, 0.3057, 0.3217
Android (android.graphics.Color)	4293191919 (0xFFE4E8EF)
YUV	231.6020, 3.6472, -3.1590
Hunter-Lab	89.6879, -4.8372, 1.1967

Details

The XYZ color **76.4315, 80.4392, 93.1593** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.3087, 83.3680, 85.3117**, and the grayscale version is **76.3824, 80.3602, 87.5123**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3062, 43.3538, 50.9908** is the 20% darker color. If you saturate the color by 10%, you get **65.2724, 68.6087, 91.4652**, and if you desaturate by 10%, it is **89.0135, 93.5571, 95.0294**.

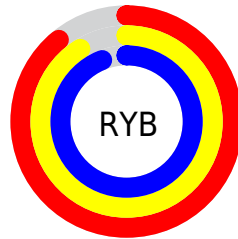
Distribution



Red (89%)

Green (91%)

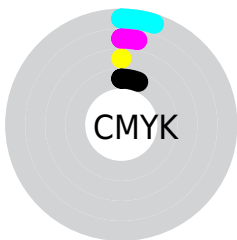
Blue (94%)



Red (89%)

Yellow (91%)

Blue (94%)

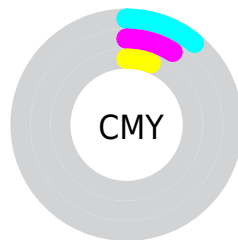


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4315, 80.4392, 93.1593 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 76.4315, 80.4392, 93.1593 by changing the saturation by 10% instead.

■ 76.4315, 80.4392,
93.1593

■ 76.4315, 80.4392,
93.1593

471.7452,
496.4117, 559.0883

■ 57.0847, 60.0798,
70.0155

127.3138,
133.9830, 153.6928

■ 41.3137, 43.4830,
51.0623

159.5800,
167.9363, 191.9195

■ 28.7530, 30.2643,
35.8811

196.8833,
207.1897, 236.0110

■ 19.0374, 20.0393,
24.0534

239.5892,
252.1275, 286.3857

■ 11.8015, 12.4236,
15.1607

288.0630,
303.1343, 343.4623

■ 6.6799, 7.0328,
8.7844

342.6700,

■ 3.3073, 3.4826,

360.5943, 407.6592

4.5059

403.7757,
424.8920, 479.3951

■ 1.3183, 1.3886,
1.9068

■ 0.1968, 0.2083,
0.4970

■ 76.4315, 80.4392,
93.1593

■ 76.4315, 80.4392,
93.1593

■ 65.2724, 68.6087,
91.4652

■ 89.0135, 93.5571,
95.0294

■ 55.4771, 58.0147,
89.9366

■ 92.5802, 99.0121,
95.8943

■ 46.9926, 48.6176,
88.5699

■ 39.7597, 40.3719,
87.3596

■ 33.7141, 33.2287,
86.2994

■ 28.7856, 27.1352,
85.3830

■ 24.8958, 22.0338,
84.6034

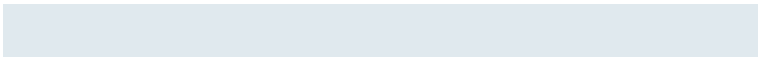
■ 21.9549, 17.8594,
83.9526

■ 19.8546, 14.5366,
83.4220

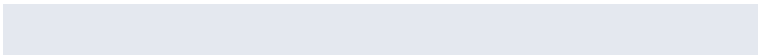
Harmonies

Analogous

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



75.4855, 80.4392, 92.3642



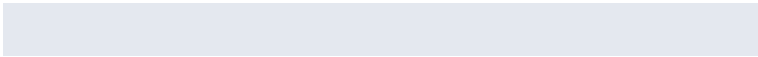
76.4315, 80.4392, 93.1593



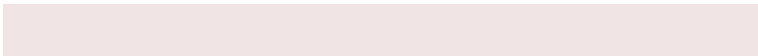
77.3918, 80.4392, 92.4340

Triad

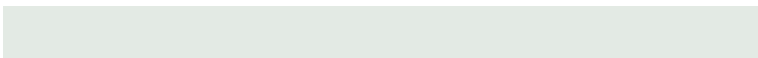
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4315, 80.4392, 93.1593



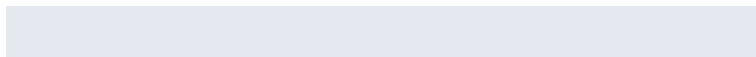
78.1301, 80.4392, 84.9399



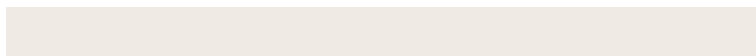
74.8273, 80.4392, 84.8255

Complementary

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



76.4315, 80.4392, 93.1593



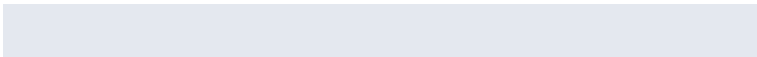
79.3087, 83.3680, 85.3117

Split Complementary

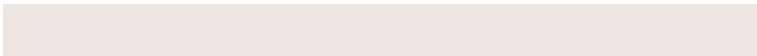
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5259, 80.4392, 82.9078



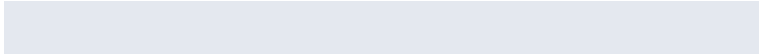
76.4315, 80.4392, 93.1593



77.4329, 80.4392, 82.9729

Square

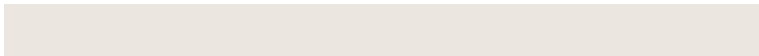
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4315, 80.4392, 93.1593



78.3776, 80.4392, 87.6521



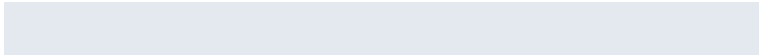
76.4786, 80.4392, 82.2369



74.5642, 80.4392, 87.5172

Rectangle

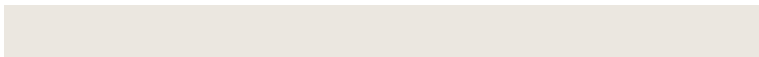
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4315, 80.4392, 93.1593



77.9096, 80.4392, 91.1947



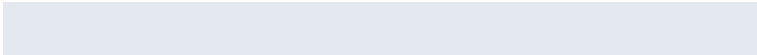
76.4786, 80.4392, 82.2369



75.0187, 80.4392, 84.0711

Sweetspot

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



76.4338, 80.4426, 93.1611



93.6028, 98.4891, 108.6846



77.8532, 84.2245, 90.7269



20.0501, 21.0967, 23.2653



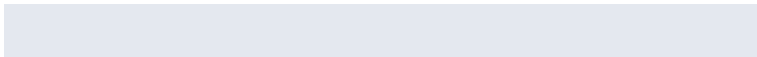
0.0000, 0.0000, 0.0000



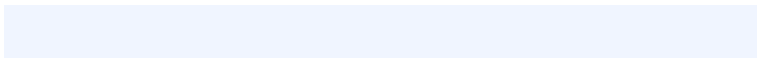
20.3446, 21.4041, 23.3091

Same Dimension

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



76.4338, 80.4426, 93.1611



86.6172, 91.1604, 107.6382



75.7869, 78.4550, 92.8115



16.0702, 16.9128, 20.1391



10.6067, 7.4376, 46.0044



0.9739, 0.8017, 3.8576

Inverse Universe

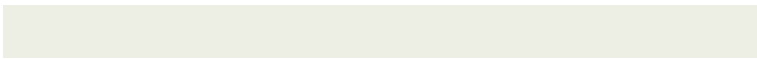
The Inverse Universe completely reimagines the original color for something new.



77.9073, 79.6653, 87.6187



88.8344, 90.0127, 99.2936



79.9747, 85.4322, 85.6750



16.5264, 16.6786, 18.4217



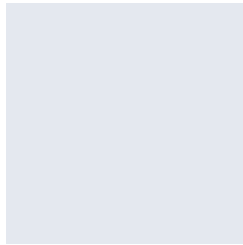
20.6794, 10.5442, 6.2281



1.7665, 0.8956, 0.7613

Previews

White Background



This preview shows how the XYZ color 76.4315, 80.4392, 93.1593 looks on a white background.

Color Contrast Check

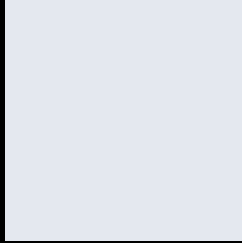
Large Text (above 18pt) WCAG AA × Fail

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 76.4315, 80.4392, 93.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

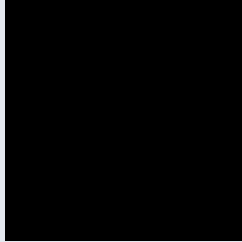
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

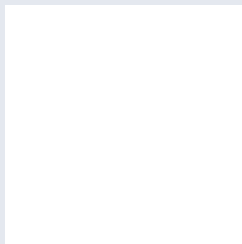
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4315, 80.4392, 93.1593

Background



This preview shows how black text looks on a background with the XYZ color 76.4315, 80.4392, 93.1593.



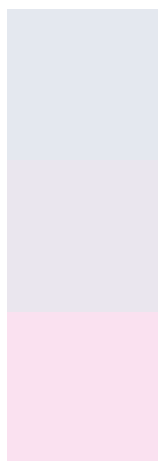
This preview shows how white text looks on a background with the XYZ color 76.4315, 80.4392,

93.1593.

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

76.4315, 80.4392, 93.1593

Protanopia

77.6611, 80.2591, 92.2873

Deuteranopia

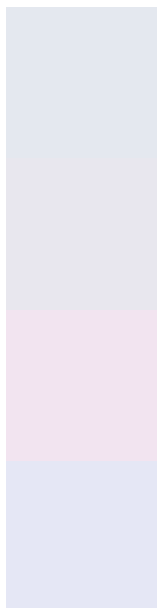
82.0777, 80.4657, 93.6435



Tritanopia

78.0288, 80.2562, 101.0010

Trichromacy



Original Color

76.4315, 80.4392, 93.1593

Protanomaly

77.2872, 80.4807, 92.3498

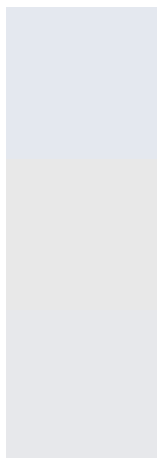
Deuteranomaly

80.0895, 80.6553, 93.7849

Tritanomaly

77.3704, 80.4024, 97.8276

Monochromacy



Original Color

76.4315, 80.4392, 93.1593

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.8070, 80.7003, 90.1258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4315, 80.4392, 93.1593 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(228, 232, 239) looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 232, 239) }
```

Border

The CSS property to change the border of an element to XYZ 76.4315, 80.4392, 93.1593 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(228, 232, 239) }
```


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

```
.border{ border-color:rgb(228, 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(228, 232, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(228, 232,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4315, 80.4392, 93.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 232, 239) }
```

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

```
.background{ background-color: rgb(228,  
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](#).

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