

Converting Colors

XYZ(76.5469, 80.5448, 94.3175)

Have a look what the booklet for
XYZ(76.5469, 80.5448, 94.3175)
contains.

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Color

**XYZ(76.5797, 80.4985,
93.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E8F0
RGB	228, 232, 240
RGB Percent	89%, 91%, 94%
CMY	0.1059, 0.0902, 0.0588
CMYK	0.05, 0.03, 0.00, 0.06
HSL	220°, 29%, 92%
HSV	220°, 5%, 94%
XYZ	76.5797, 80.4985, 93.9397
YIQ	231.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

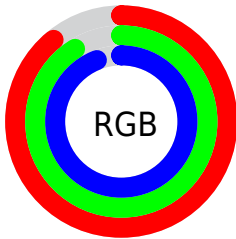
Format	Color
R _Y B	228, 231, 240
Decimal	15001840
CIE Lab	91.91, 0.14, -4.35
CIE LCh	92, 4.351, 271.822
Yxy	80.4985, 0.3051, 0.3207
Android (android.graphics.Color)	4293191920 (0xFFE4E8F0)
YUV	231.7160, 4.0840, -3.2589
Hunter-Lab	89.7210, -4.6562, 0.7268

Details

The XYZ color **76.5797, 80.4985, 93.9397** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9344, 84.1168, 85.4232**, and the grayscale version is **76.4645, 80.4466, 87.6064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4106, 43.3956, 51.5410** is the 20% darker color. If you saturate the color by 10%, you get **65.1898, 68.2473, 92.1765**, and if you desaturate by 10%, it is **89.4408, 94.1208, 95.8924**.

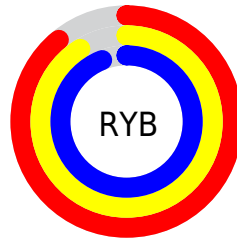
Distribution



Red (89%)

Green (91%)

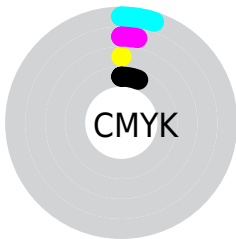
Blue (94%)



Red (89%)

Yellow (91%)

Blue (94%)

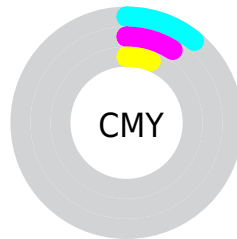


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5797, 80.4985, 93.9397 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 76.5797, 80.4985, 93.9397 by changing the saturation by 10% instead.

■ 76.5797, 80.4985,
93.9397

■ 76.5797, 80.4985,
93.9397

472.2438,
496.6112, 561.6623

■ 57.2067, 60.1287,
70.6608

127.5220,
134.0664, 154.7819

■ 41.4120, 43.5223,
51.5853

159.8220,
168.0332, 193.1823

■ 28.8302, 30.2952,
36.2947

197.1618,
207.3011, 237.4602

■ 19.0961, 20.0627,
24.3704

239.9066,
252.2545, 288.0342

■ 11.8441, 12.4407,
15.3939

288.4219,
303.2779, 345.3229

■ 6.7091, 7.0445,
8.9466

343.0729,

■ 3.3255, 3.4900,

360.7555, 409.7448

4.6100

404.2251,
425.0718, 481.7185

■ 1.3282, 1.3926,
1.9656

■ 0.2041, 0.2112,
0.5340

■ 76.5797, 80.4985,
93.9397

■ 76.5797, 80.4985,
93.9397

■ 65.1898, 68.2473,
92.1765

■ 89.4408, 94.1208,
95.8924

■ 55.2101, 57.3128,
90.5919

■ 92.7284, 99.0714,
96.6747

■ 46.5852, 47.6519,
89.1818

■ 39.2534, 39.2152,
87.9398

■ 33.1480, 31.9498,
86.8592

■ 28.1958, 25.7986,
85.9329

■ 24.3153, 20.6988,
85.1531

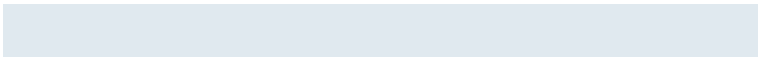
■ 21.4128, 16.5801,
84.5110

■ 19.3757, 13.3608,
83.9970

Harmonies

Analogous

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



75.5020, 80.4985, 93.1818



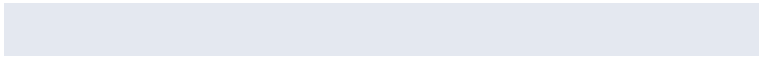
76.5797, 80.4985, 93.9397



77.6491, 80.4985, 92.9783

Triad

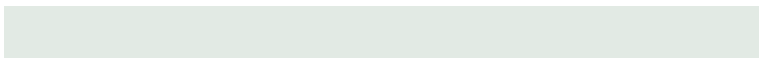
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5797, 80.4985, 93.9397



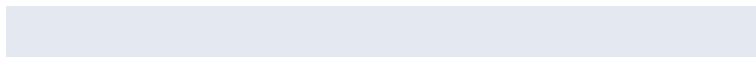
78.3502, 80.4985, 84.4468



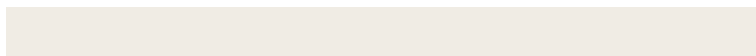
74.6344, 80.4985, 84.7776

Complementary

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



76.5797, 80.4985, 93.9397



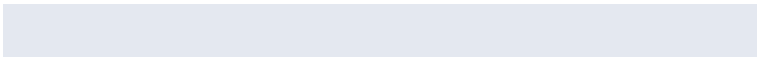
79.9344, 84.1168, 85.4232

Split Complementary

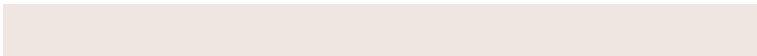
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3849, 80.4985, 82.5277



76.5797, 80.4985, 93.9397



77.5297, 80.4985, 82.3400

Square

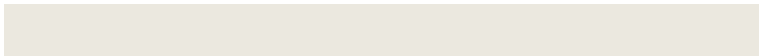
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5797, 80.4985, 93.9397



78.6775, 80.4985, 87.4538



76.4432, 80.4985, 81.6459



74.3855, 80.4985, 87.8448

Rectangle

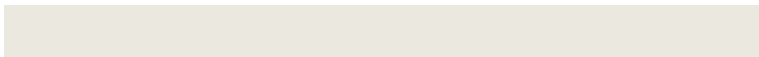
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



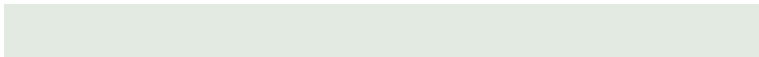
76.5797, 80.4985, 93.9397



78.2116, 80.4985, 91.5050



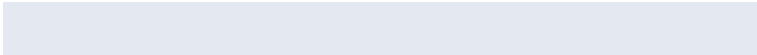
76.4432, 80.4985, 81.6459



74.8360, 80.4985, 83.9032

Sweetspot

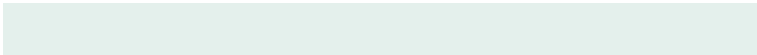
The Sweet Spot groups the original color and five complimentary colors.



76.5820, 80.5019, 93.9415



93.5784, 98.4402, 108.6765



78.2675, 84.8600, 91.4604



20.0451, 21.0867, 23.2636



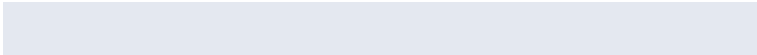
0.0000, 0.0000, 0.0000



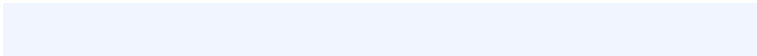
20.3446, 21.4041, 23.3091

Same Dimension

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



76.5820, 80.5019, 93.9415



86.4768, 90.8796, 107.5914



76.0418, 78.5693, 93.5969



16.0414, 16.8552, 20.1295



10.2924, 6.8090, 45.8997



0.9444, 0.7427, 3.8478

Inverse Universe

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



78.2459, 79.8398, 87.6346



88.7635, 89.9843, 98.9204



80.4920, 86.1347, 85.7833



16.5118, 16.6728, 18.3451



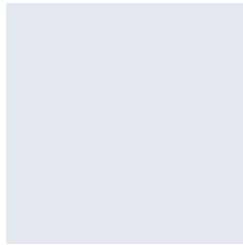
20.5207, 10.4807, 5.3927



1.7516, 0.8897, 0.6829

Previews

White Background



This preview shows how the XYZ color 76.5797, 80.4985, 93.9397 looks on a white background.

Color Contrast Check

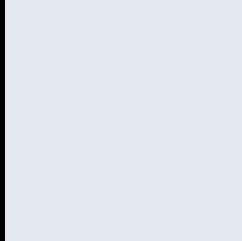
Large Text (above 18pt) WCAG AA × Fail

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 76.5797, 80.4985, 93.9397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

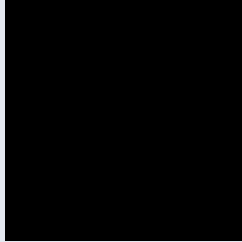
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

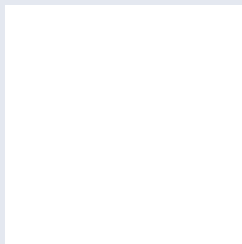
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5797, 80.4985, 93.9397

Background



This preview shows how black text looks on a background with the XYZ color 76.5797, 80.4985, 93.9397.



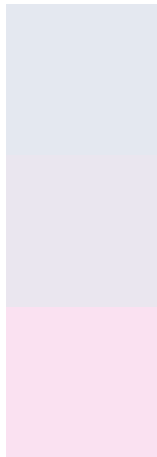
This preview shows how white text looks on a background with the XYZ color 76.5797, 80.4985,

93.9397.

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

76.5797, 80.4985, 93.9397

Protanopia

77.8085, 80.3180, 93.0633

Deuteranopia

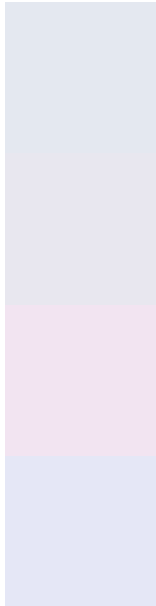
82.2267, 80.5253, 94.4282



Tritanopia

77.9879, 80.6494, 101.0790

Trichromacy



Original Color

76.5797, 80.4985, 93.9397

Protanomaly

77.4346, 80.5396, 93.1258

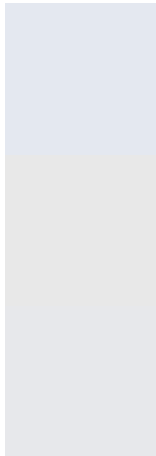
Deuteranomaly

80.2385, 80.7149, 94.5696

Tritanomaly

77.5236, 80.4637, 98.6339

Monochromacy



Original Color

76.5797, 80.4985, 93.9397

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 76.5797, 80.4985, 93.9397 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(228, 232, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 232, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.5797, 80.4985, 93.9397 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, 240) }
```


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

```
.border{ border-color:rgb(228, 232, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 232,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5797, 80.4985, 93.9397 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, 240) }
```

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

```
.background{ background-color: rgb(228,  
232, 240) }
```

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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