

Converting Colors

XYZ(76.1873, 79.5591, 94.0665)

Have a look what the booklet for
XYZ(76.1873, 79.5591, 94.0665)
contains.

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Color

**XYZ(76.0199, 79.3789,
93.7531)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E6F0
RGB	228, 230, 240
RGB Percent	89%, 90%, 94%
CMY	0.1059, 0.0980, 0.0588
CMYK	0.05, 0.04, 0.00, 0.06
HSL	230°, 29%, 92%
HSV	230°, 5%, 94%
XYZ	76.0199, 79.3789, 93.7531
YIQ	230.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

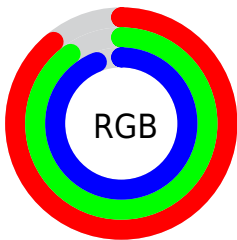
Format	Color
R_{YB}	228, 230, 240
Decimal	15001328
CIE Lab	91.41, 1.17, -5.09
CIE LCh	91, 5.221, 282.930
Yxy	79.3789, 0.3051, 0.3186
Android (android.graphics.Color)	4293191408 (0xFFE4E6F0)
YUV	230.5420, 4.6628, -2.2293
Hunter-Lab	89.0948, -3.6114, -0.0236

Details

The XYZ color **76.0199, 79.3789, 93.7531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5135, 85.2749, 85.6162**, and the grayscale version is **75.5861, 79.5225, 86.6000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2153, 43.0049, 51.4759** is the 20% darker color. If you saturate the color by 10%, you get **63.6804, 65.2284, 91.6734**, and if you desaturate by 10%, it is **90.0590, 95.3572, 96.0985**.

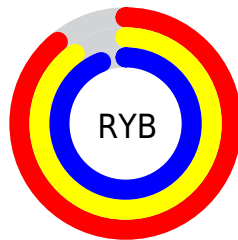
Distribution



Red (89%)

Green (90%)

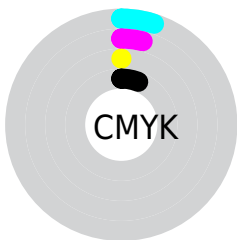
Blue (94%)



Red (89%)

Yellow (90%)

Blue (94%)

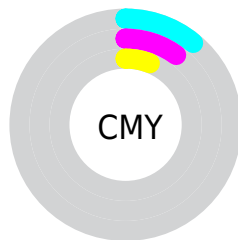


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (10%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0199, 79.3789, 93.7531 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 76.0199, 79.3789, 93.7531 by changing the saturation by 10% instead.

■ 76.0199, 79.3789,
93.7531

■ 76.0199, 79.3789,
93.7531

470.3592,
492.8372, 561.0475

■ 56.7459, 59.2074,
70.5065

126.7352,
132.4921, 154.5216

■ 41.0406, 42.7801,
51.4602

158.9073,
166.2027, 192.8805

■ 28.5387, 29.7126,
36.1957

196.1095,
205.1950, 237.1139

■ 18.8746, 19.6206,
24.2945

238.7071,
249.8535, 287.6403

■ 11.6832, 12.1195,
15.3380

287.0656,
300.5625, 344.8784

■ 6.5990, 6.8251,
8.9077

341.5501,

■ 3.2567, 3.3530,

357.7066, 409.2466

4.5850

402.5262,
421.6700, 481.1634

■ 1.2909, 1.3187,
1.9515

■ 0.1764, 0.1556,
0.5252

■ 76.0199, 79.3789,
93.7531

■ 76.0199, 79.3789,
93.7531

■ 63.6804, 65.2284,
91.6734

■ 90.0590, 95.3572,
96.0985

■ 52.9689, 52.8304,
89.8449

■ 92.7284, 99.0714,
96.6747

■ 43.8188, 42.1191,
88.2596

■ 36.1562, 33.0207,
86.9073

■ 29.9011, 25.4560,
85.7769

■ 24.9659, 19.3387,
84.8562

■ 21.2529, 14.5739,
84.1322

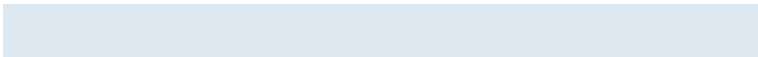
■ 18.6501, 11.0547,
83.5901

■ 17.0237, 8.6568,
83.2130

Harmonies

Analogous

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



74.7004, 79.3789, 93.6089



76.0199, 79.3789, 93.7531



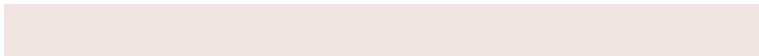
77.1993, 79.3789, 91.8942

Triad

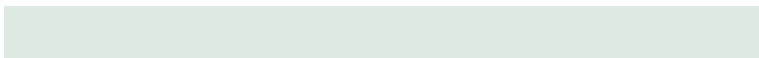
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0199, 79.3789, 93.7531



77.3318, 79.3789, 81.5458



73.0332, 79.3789, 84.3018

Complementary

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



76.0199, 79.3789, 93.7531



80.5135, 85.2749, 85.6162

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.



73.7219, 79.3789, 81.1870



76.0199, 79.3789, 93.7531



76.1991, 79.3789, 79.6281

Square

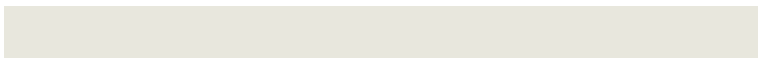
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



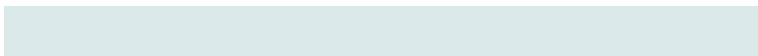
76.0199, 79.3789, 93.7531



77.9627, 79.3789, 84.8046



74.8775, 79.3789, 79.4988



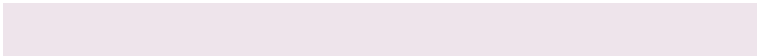
72.9865, 79.3789, 88.0763

Rectangle

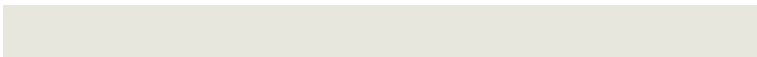
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0199, 79.3789, 93.7531



77.7432, 79.3789, 89.8000



74.8775, 79.3789, 79.4988



73.1970, 79.3789, 83.1457

Sweetspot

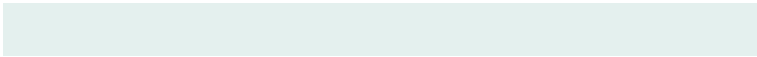
The Sweet Spot groups the original color and five complimentary colors.



76.0222, 79.3823, 93.7548



93.4441, 98.1717, 108.6317



78.5595, 84.9768, 92.9978



20.0178, 21.0321, 23.2545



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.



76.0222, 79.3823, 93.7548



85.7114, 89.3488, 107.3363



76.6867, 78.9018, 93.6271



15.8844, 16.5412, 20.0772



9.0909, 4.4061, 45.4992



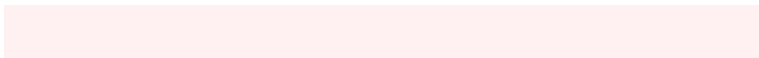
0.8179, 0.4899, 3.8057

Inverse Universe

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



77.9633, 79.7268, 86.1466



88.3772, 89.8298, 96.8860



79.8235, 85.7901, 85.7520



16.4326, 16.6411, 17.9279



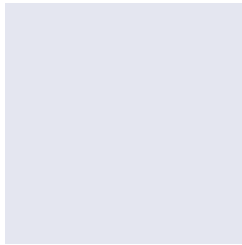
19.9143, 10.2381, 2.1993



1.6878, 0.8642, 0.3468

Previews

White Background



This preview shows how the XYZ color 76.0199, 79.3789, 93.7531 looks on a white background.

Color Contrast Check

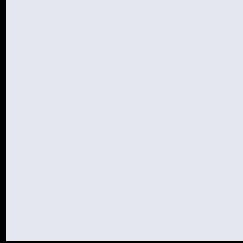
Large Text (above 18pt) WCAG AA × Fail

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 76.0199, 79.3789, 93.7531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

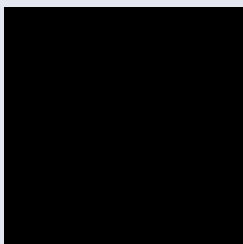
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

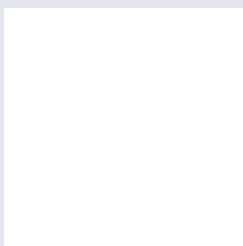
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0199, 79.3789, 93.7531

Background



This preview shows how black text looks on a background with the XYZ color 76.0199, 79.3789, 93.7531.



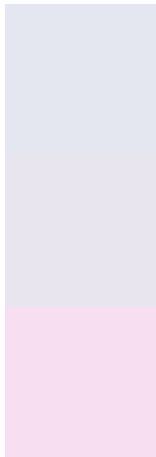
This preview shows how white text looks on a background with the XYZ color 76.0199, 79.3789,

93.7531.

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

76.0199, 79.3789, 93.7531

Protanopia

76.8780, 79.4264, 92.9403

Deuteranopia

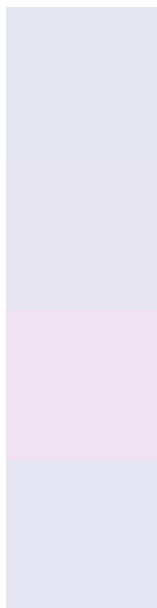
80.6226, 78.9004, 94.1991



Tritanopia

77.1209, 79.4120, 99.2590

Trichromacy



Original Color

76.0199, 79.3789, 93.7531

Protanomaly

76.5543, 79.2595, 92.9251

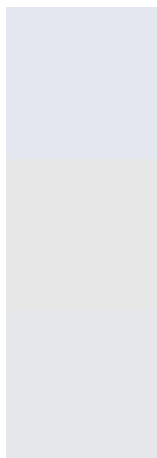
Deuteranomaly

79.0087, 79.2689, 94.3553

Tritanomaly

76.6615, 79.2283, 96.8400

Monochromacy



Original Color

76.0199, 79.3789, 93.7531

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.0603, 79.9153, 89.2583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0199, 79.3789, 93.7531 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, 230, 240) looks like.

```
.text, #text, p{  
    color:rgb(228, 230, 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, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 230, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.0199, 79.3789, 93.7531 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, 230, 240) }
```


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

```
.border{ border-color:rgb(228, 230, 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, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 230,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0199, 79.3789, 93.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 230, 240) }
```

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

```
.background{ background-color: rgb(228,  
230, 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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