

Converting Colors

XYZ(75.8370, 78.7529, 93.3756)

Have a look what the booklet for
XYZ(75.8370, 78.7529, 93.3756)
contains.

XYZ(76.0606, 78.9879, 93.6754)	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(76.0606, 78.9879,
93.6754)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E5F0
RGB	229, 229, 240
RGB Percent	90%, 90%, 94%
CMY	0.1020, 0.1019, 0.0588
CMYK	0.05, 0.05, 0.00, 0.06
HSL	240°, 27%, 92%
HSV	240°, 5%, 94%
XYZ	76.0606, 78.9879, 93.6754
YIQ	230.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

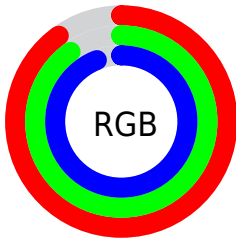
Format	Color
R_{YB}	229, 229, 240
Decimal	15066608
CIE _{Lab}	91.23, 2.01, -5.34
CIE _{LCh}	91, 5.707, 290.647
Yxy	78.9879, 0.3058, 0.3176
Android (android.graphics.Color)	4293256688 (0xFFE5E5F0)
YUV	230.2540, 4.8048, -1.0998
Hunter-Lab	88.8751, -2.7687, -0.2797

Details

The XYZ color **76.0606, 78.9879, 93.6754** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2383, 86.5018, 86.5449**, and the grayscale version is **75.3712, 79.2963, 86.3537**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2433, 42.7315, 51.4216** is the 20% darker color. If you saturate the color by 10%, you get **62.7401, 62.9395, 91.2810**, and if you desaturate by 10%, it is **91.3618, 97.4236, 96.4286**.

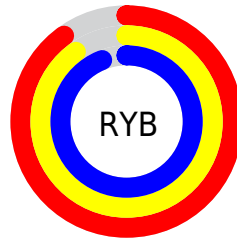
Distribution



Red (90%)

Green (90%)

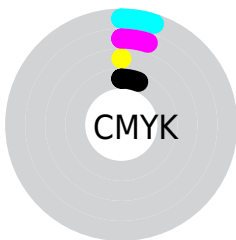
Blue (94%)



Red (90%)

Yellow (90%)

Blue (94%)

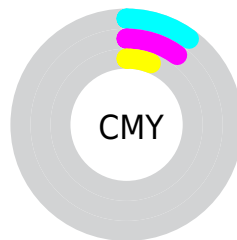


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (10%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0606, 78.9879, 93.6754 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 76.0606, 78.9879, 93.6754 by changing the saturation by 10% instead.

■ 76.0606, 78.9879,
93.6754

■ 76.0606, 78.9879,
93.6754

470.4963,
491.5154, 560.7913

■ 56.7794, 58.8859,
70.4422

126.7925,
131.9418, 154.4131

■ 41.0676, 42.5212,
51.4081

158.9739,
165.5625, 192.7548

■ 28.5598, 29.5097,
36.1545

196.1861,
204.4582, 236.9696

■ 18.8907, 19.4667,
24.2629

238.7944,
249.0133, 287.4763

■ 11.6949, 12.0080,
15.3148

287.1642,
299.6121, 344.6932

■ 6.6070, 6.7491,
8.8915

341.6609,

■ 3.2617, 3.3057,

356.6392, 409.0390

4.5746

402.6498,
420.4788, 480.9322

■ 1.2936, 1.2933,
1.9456

■ 0.1784, 0.1360,
0.5215

■ 76.0606, 78.9879,
93.6754

■ 76.0606, 78.9879,
93.6754

■ 62.7401, 62.9395,
91.2810

■ 91.3618, 97.4236,
96.4286

■ 51.3128, 49.1713,
89.2258

■ 92.7284, 99.0714,
96.6746

■ 41.6950, 37.5829,
87.4959

■ 33.7938, 28.0627,
86.0748

■ 27.5084, 20.4890,
84.9442

■ 22.7272, 14.7276,
84.0841

■ 19.3247, 10.6271,
83.4719

■ 17.1550, 8.0119,
83.0815

■ 16.0392, 6.6666,
82.8807

Harmonies

Analogous

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



74.6245, 78.9879, 94.1056



76.0606, 78.9879, 93.6754



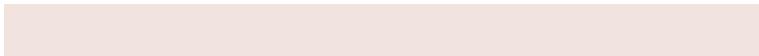
77.2468, 78.9879, 91.1546

Triad

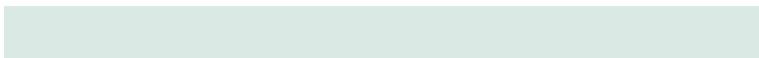
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0606, 78.9879, 93.6754



76.8530, 78.9879, 79.9911



72.3647, 78.9879, 84.7164

Complementary

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



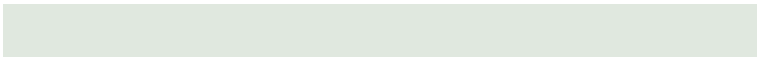
76.0606, 78.9879, 93.6754



81.2383, 86.5018, 86.5449

Split Complementary

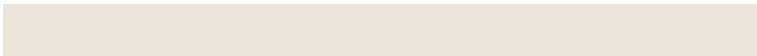
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9455, 78.9879, 81.0519



76.0606, 78.9879, 93.6754



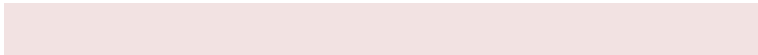
75.5285, 78.9879, 78.3820

Square

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



76.0606, 78.9879, 93.6754



77.7084, 78.9879, 83.2262



74.0992, 78.9879, 78.7640



72.5030, 78.9879, 88.8437

Rectangle

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



76.0606, 78.9879, 93.6754



77.7304, 78.9879, 88.6710



74.0992, 78.9879, 78.7640



72.4820, 78.9879, 83.3918

Sweetspot

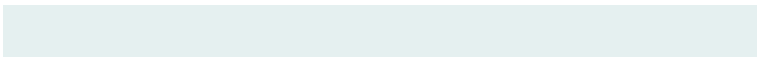
The Sweet Spot groups the original color and five complimentary colors.



76.0629, 78.9913, 93.6771



93.3102, 97.9039, 108.5871



79.1754, 85.2598, 94.5803



19.9906, 20.9775, 23.2454



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.



76.0629, 78.9913, 93.6771



86.5816, 89.7971, 107.3770



77.7845, 79.8774, 93.7574



16.0147, 16.5754, 20.0769



8.6105, 3.4452, 45.3390



0.7165, 0.2869, 3.7718

Inverse Universe

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



78.0991, 80.2226, 85.5009



89.1318, 91.3393, 97.1371



79.4607, 85.5869, 86.4620



16.5537, 16.9013, 17.9128



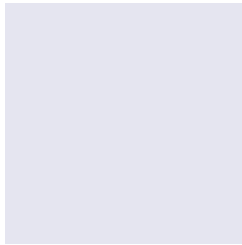
19.6718, 10.1411, 0.9223



1.6366, 0.8437, 0.0771

Previews

White Background



This preview shows how the XYZ color 76.0606, 78.9879, 93.6754 looks on a white background.

Color Contrast Check

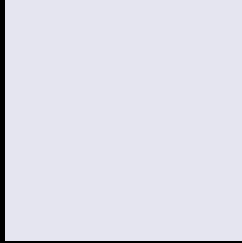
Large Text (above 18pt) WCAG AA × Fail

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 76.0606, 78.9879, 93.6754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

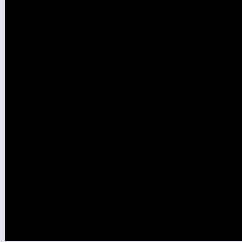
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

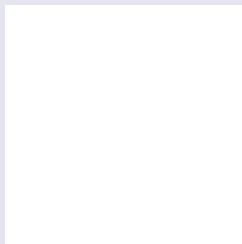
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0606, 78.9879, 93.6754

Background



This preview shows how black text looks on a background with the XYZ color 76.0606, 78.9879, 93.6754.



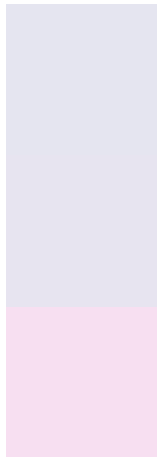
This preview shows how white text looks on a background with the XYZ color 76.0606, 78.9879,

93.6754.

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

76.0606, 78.9879, 93.6754

Protanopia

76.4266, 78.7670, 93.6135

Deuteranopia

80.6226, 78.9004, 94.1991



Tritanopia

77.0111, 78.9636, 98.3714

Trichromacy



Original Color

76.0606, 78.9879, 93.6754

Protanomaly

76.1047, 78.6011, 93.5985

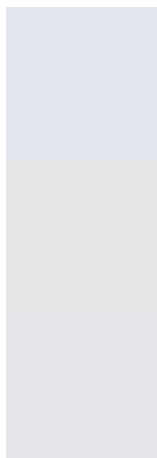
Deuteranomaly

78.7376, 78.7266, 94.2649

Tritanomaly

76.7057, 78.8415, 96.7631

Monochromacy



Original Color

76.0606, 78.9879, 93.6754

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7812, 79.3571, 89.1653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0606, 78.9879, 93.6754 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(229, 229, 240) looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 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(229, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.0606, 78.9879, 93.6754 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(229, 229, 240) }
```


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

```
.border{ border-color:rgb(229, 229, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 229, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 229, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 229, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 229,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0606, 78.9879, 93.6754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 240) }
```

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

```
.background{ background-color: rgb(229,  
229, 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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