

Converting Colors

XYZ(76.2750, 78.5777, 93.3515)

Have a look what the booklet for
XYZ(76.2750, 78.5777, 93.3515)
contains.

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Color

**XYZ(76.4266, 78.7670,
93.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E4F0
RGB	231, 228, 240
RGB Percent	91%, 89%, 94%
CMY	0.0941, 0.1059, 0.0588
CMYK	0.04, 0.05, 0.00, 0.06
HSL	255°, 29%, 92%
HSV	255°, 5%, 94%
XYZ	76.4266, 78.7670, 93.6135
YIQ	230.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

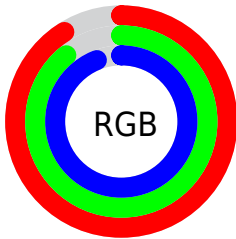
Format	Color
R_{YB}	231, 228, 240
Decimal	15197424
CIE Lab	91.13, 3.19, -5.47
CIE LCh	91, 6.332, 300.221
Yxy	78.7670, 0.3072, 0.3166
Android (android.graphics.Color)	4293387504 (0xFFE7E4F0)
YUV	230.2650, 4.7994, 0.6446
Hunter-Lab	88.7508, -1.6009, -0.4130

Details

The XYZ color **76.4266, 78.7670, 93.6135** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0916, 85.9282, 85.7672**, and the grayscale version is **75.3786, 79.3042, 86.3622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2745, 42.4618, 51.3679** is the 20% darker color. If you saturate the color by 10%, you get **64.7621, 63.6252, 91.3068**, and if you desaturate by 10%, it is **89.6100, 96.0567, 96.2571**.

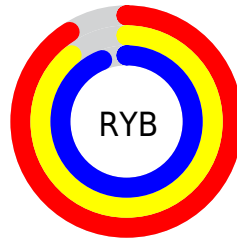
Distribution



Red (91%)

Green (89%)

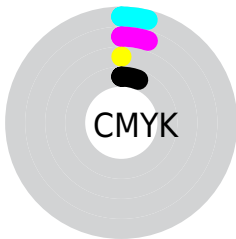
Blue (94%)



Red (91%)

Yellow (89%)

Blue (94%)

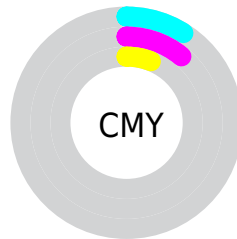


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4266, 78.7670, 93.6135 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 76.4266, 78.7670, 93.6135 by changing the saturation by 10% instead.

■ 76.4266, 78.7670,
93.6135

■ 76.4266, 78.7670,
93.6135

471.7287,
490.7678, 560.5872

■ 57.0807, 58.7043,
70.3910

127.3069,
131.6308, 154.3268

■ 41.3104, 42.3751,
51.3666

159.5720,
165.2006, 192.6546

■ 28.7504, 29.3951,
36.1217

196.8741,
204.0416, 236.8547

■ 19.0354, 19.3799,
24.2378

239.5787,
248.5382, 287.3455

■ 11.8001, 11.9451,
15.2963

288.0512,
299.0747, 344.5457

■ 6.6789, 6.7063,
8.8786

342.6567,

■ 3.3066, 3.2791,

356.0355, 408.8736

4.5664

403.7608,
419.8051, 480.7480

■ 1.3179, 1.2791,
1.9409

■ 0.1966, 0.1250,
0.5186

■ 76.4266, 78.7670,
93.6135

■ 76.4266, 78.7670,
93.6135

■ 64.7621, 63.6252,
91.3068

■ 89.6100, 96.0567,
96.2571

■ 54.5541, 50.5369,
89.3185

■ 92.7284, 99.0714,
96.6746

■ 45.7460, 39.4154,
87.6361

■ 38.2746, 30.1641,
86.2442

■ 32.0718, 22.6780,
85.1262

■ 27.0632, 16.8415,
84.2636

■ 23.1661, 12.5247,
83.6358

■ 20.2861, 9.5777,
83.2187

■ 18.3109, 7.8179,
82.9832

Harmonies

Analogous

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



74.8776, 78.7670, 94.8901



76.4266, 78.7670, 93.6135



77.5708, 78.7670, 90.2196

Triad

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



76.4266, 78.7670, 93.6135



76.4057, 78.7670, 78.3337



71.8279, 78.7670, 85.7979

Complementary

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



76.4266, 78.7670, 93.6135



80.0916, 85.9282, 85.7672

Split Complementary

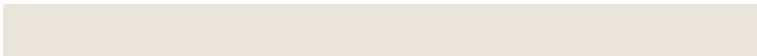
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2242, 78.7670, 81.4573



76.4266, 78.7670, 93.6135



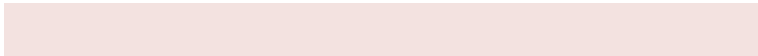
74.8538, 78.7670, 77.2424

Square

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



76.4266, 78.7670, 93.6135



77.5586, 78.7670, 81.4004



73.3261, 78.7670, 78.3658



72.2358, 78.7670, 90.2806

Rectangle

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



76.4266, 78.7670, 93.6135



77.9420, 78.7670, 87.2707



73.3261, 78.7670, 78.3658



71.8714, 78.7670, 84.2745

Sweetspot

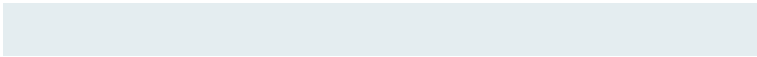
The Sweet Spot groups the original color and five complimentary colors.



76.4289, 78.7704, 93.6152



93.5416, 98.0228, 108.5979



78.0678, 83.4719, 94.4363



20.0377, 21.0017, 23.2476



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.



76.4289, 78.7704, 93.6152



86.2643, 88.5113, 107.1455



78.3324, 79.7517, 93.7043



15.9977, 16.3698, 20.0381



9.7303, 4.0215, 45.3913



0.8976, 0.3800, 3.7803

Inverse Universe

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



78.9674, 80.1300, 91.4293



89.7526, 90.3800, 104.1288



78.1859, 84.9458, 85.6780



16.7152, 16.7542, 19.4160



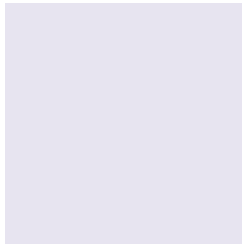
24.2401, 11.9685, 24.9785



2.0560, 1.0114, 2.2855

Previews

White Background



This preview shows how the XYZ color 76.4266, 78.7670, 93.6135 looks on a white background.

Color Contrast Check

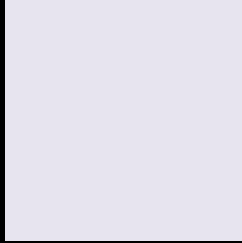
Large Text (above 18pt) WCAG AA × Fail

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 76.4266, 78.7670, 93.6135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

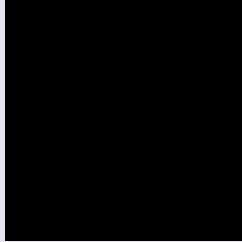
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

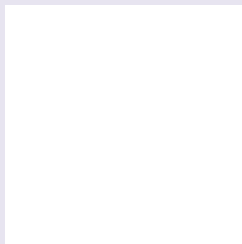
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4266, 78.7670, 93.6135

Background



This preview shows how black text looks on a background with the XYZ color 76.4266, 78.7670, 93.6135.



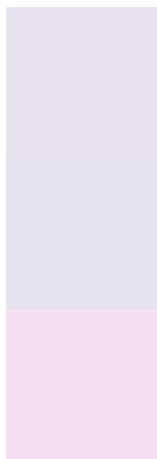
This preview shows how white text looks on a background with the XYZ color 76.4266, 78.7670,

93.6135.

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

76.4266, 78.7670, 93.6135

Protanopia

76.1047, 78.6011, 93.5985

Deuteranopia

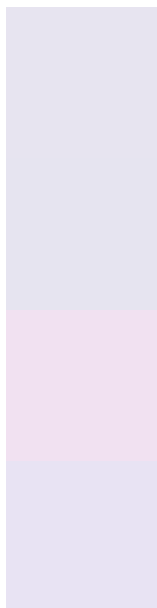
80.2709, 78.7191, 94.1827



Tritanopia

77.2292, 78.6865, 97.5038

Trichromacy



Original Color

76.4266, 78.7670, 93.6135

Protanomaly

76.1047, 78.6011, 93.5985

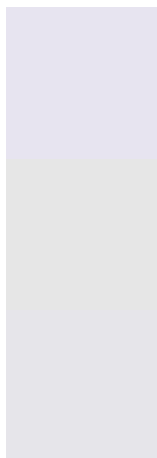
Deuteranomaly

79.0780, 78.9021, 94.2809

Tritanomaly

76.9255, 78.5650, 95.9042

Monochromacy



Original Color

76.4266, 78.7670, 93.6135

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.5037, 78.8021, 89.0728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4266, 78.7670, 93.6135 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(231, 228, 240) looks like.

```
.text, #text, p{  
    color:rgb(231, 228, 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(231, 228, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 228, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.4266, 78.7670, 93.6135 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(231, 228, 240) }
```


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

```
.border{ border-color:rgb(231, 228, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 228, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 228, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 228, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 228,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4266, 78.7670, 93.6135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 228, 240) }
```

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

```
.background{ background-color: rgb(231,  
228, 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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