

Converting Colors

XYZ(76.2009, 78.4833, 96.5292)

Have a look what the booklet for
XYZ(76.2009, 78.4833, 96.5292)
contains.

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Color

**XYZ(76.3856, 78.6765,
96.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E4F4
RGB	229, 228, 244
RGB Percent	90%, 89%, 96%
CMY	0.1020, 0.1059, 0.0431
CMYK	0.06, 0.07, 0.00, 0.04
HSL	244°, 42%, 93%
HSV	244°, 7%, 96%
XYZ	76.3856, 78.6765, 96.7481
YIQ	230.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

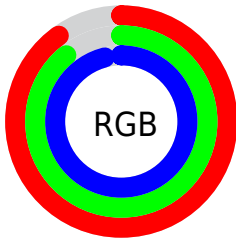
Format	Color
R_{YB}	229, 228, 244
Decimal	15066356
CIE _{Lab}	91.09, 3.28, -7.64
CIE _{LCh}	91, 8.316, 293.236
Yxy	78.6765, 0.3033, 0.3124
Android (android.graphics.Color)	4293256436 (0xFFE5E4F4)
YUV	230.1230, 6.8414, -0.9849
Hunter-Lab	88.6998, -1.5057, -2.5799

Details

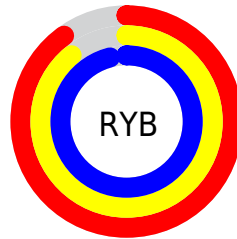
The XYZ color **76.3856, 78.6765, 96.7481** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3195, 89.3597, 86.2595**, and the grayscale version is **75.2601, 79.1795, 86.2265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4762, 42.5167, 53.5975** is the 20% darker color. If you saturate the color by 10%, you get **63.3158, 62.6692, 94.3484**, and if you desaturate by 10%, it is **91.3695, 97.0811, 99.5120**.

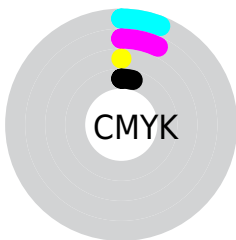
Distribution



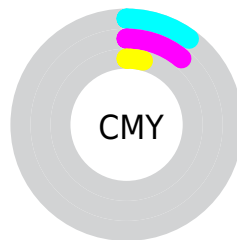
- Red (90%)
- Green (89%)
- Blue (96%)



- Red (90%)
- Yellow (89%)
- Blue (96%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3856, 78.6765, 96.7481 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 76.3856, 78.6765, 96.7481 by changing the saturation by 10% instead.

■ 76.3856, 78.6765,
96.7481

■ 76.3856, 78.6765,
96.7481

471.5908,
490.4613, 570.8730

■ 57.0469, 58.6299,
72.9859

127.2493,
131.5033, 158.6938

■ 41.2832, 42.3152,
53.4727

159.5050,
165.0523, 197.7143

■ 28.7291, 29.3482,
37.7899

196.7971,
203.8709, 242.6580

■ 19.0192, 19.3444,
25.5191

239.4909,
248.3435, 293.9434

■ 11.7883, 11.9194,
16.2417

287.9518,
298.8544, 351.9890

■ 6.6708, 6.6888,
9.5391

342.5452,

■ 3.3016, 3.2683,

355.7881, 417.2135

4.9929

403.6364,
419.5289, 490.0353

■ 1.3152, 1.2733,
2.1844

■ 0.1945, 0.1204,
0.6654

■ 76.3856, 78.6765,
96.7481

■ 76.3856, 78.6765,
96.7481

■ 63.3158, 62.6692,
94.3484

■ 91.3695, 97.0811,
99.5120

■ 52.0763, 48.9510,
92.2930

■ 93.3294, 99.3117,
99.8393

■ 42.5876, 37.4203,
90.5674

■ 34.7612, 27.9639,
89.1546

■ 28.5015, 20.4585,
88.0359

■ 23.7025, 14.7677,
87.1904

■ 20.2454, 10.7375,
86.5947

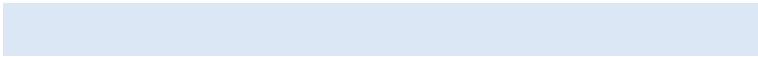
■ 17.9926, 8.1885,
86.2214

■ 16.7757, 6.8972,
86.0363

Harmonies

Analogous

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



74.3046, 78.6765, 97.6820



76.3856, 78.6765, 96.7481



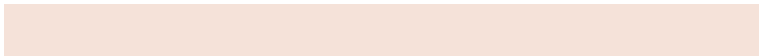
78.0645, 78.6765, 92.7818

Triad

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



76.3856, 78.6765, 96.7481



77.2249, 78.6765, 76.7227



70.8374, 78.6765, 84.3093

Complementary

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



76.3856, 78.6765, 96.7481



83.3195, 89.3597, 86.2595

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.



71.5882, 78.6765, 78.9224



76.3856, 78.6765, 96.7481



75.2567, 78.6765, 74.6770

Square

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



76.3856, 78.6765, 96.7481



78.5554, 78.6765, 81.1792



73.1964, 78.6765, 75.4630



71.1268, 78.6765, 90.3137

Rectangle

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



76.3856, 78.6765, 96.7481



78.7168, 78.6765, 89.0475



73.1964, 78.6765, 75.4630



70.9760, 78.6765, 82.3699

Sweetspot

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



76.3879, 78.6798, 96.7498



91.7069, 95.8933, 108.2835



80.4370, 87.2486, 98.1904



19.6641, 20.5681, 23.1836



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.



76.3879, 78.6798, 96.7498



82.1930, 84.2186, 106.5315



78.9337, 79.9922, 96.8690



15.6767, 15.9760, 20.8000



9.0249, 3.6268, 46.7624



0.8261, 0.3357, 4.1115

Inverse Universe

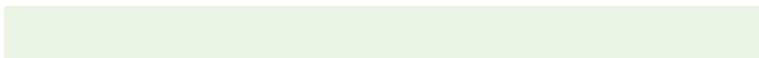
The Inverse Universe completely reimagines the original color for something new.



81.2321, 81.1946, 96.1890



88.6800, 87.5863, 105.7709



80.6837, 88.0009, 86.1361



17.1664, 16.7494, 20.6231



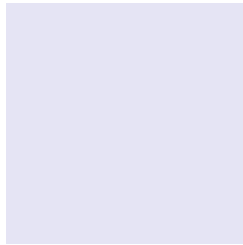
27.9806, 13.5357, 41.4676



2.4725, 1.1950, 3.7144

Previews

White Background



This preview shows how the XYZ color 76.3856, 78.6765, 96.7481 looks on a white background.

Color Contrast Check

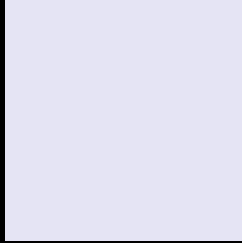
Large Text (above 18pt) WCAG AA × Fail

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 76.3856, 78.6765, 96.7481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

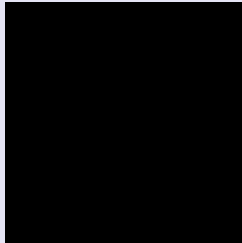
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3856, 78.6765, 96.7481

Background



This preview shows how black text looks on a background with the XYZ color 76.3856, 78.6765, 96.7481.



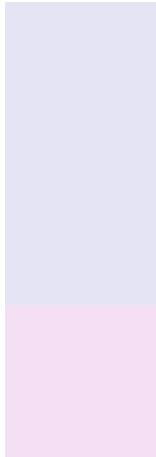
This preview shows how white text looks on a background with the XYZ color 76.3856, 78.6765,

96.7481.

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

76.3856, 78.6765, 96.7481

Protanopia

76.3856, 78.6765, 96.7481

Deuteranopia

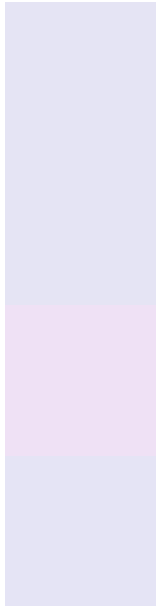
80.1773, 78.6010, 97.3319



Tritanopia

76.6911, 78.7986, 98.3564

Trichromacy



Original Color

76.3856, 78.6765, 96.7481

Protanomaly

76.3856, 78.6765, 96.7481

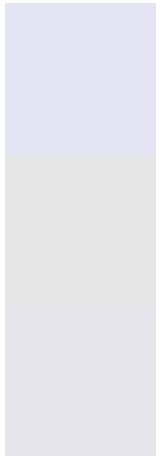
Deuteranomaly

79.0032, 78.7937, 97.4310

Tritanomaly

76.5379, 78.7374, 97.5501

Monochromacy



Original Color

76.3856, 78.6765, 96.7481

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6478, 78.8598, 89.8317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3856, 78.6765, 96.7481 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, 228, 244) looks like.

```
.text, #text, p{  
    color:rgb(229, 228, 244)  
}
```

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, 228, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 228, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.3856, 78.6765, 96.7481 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, 228, 244) }
```


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

```
.border{ border-color:rgb(229, 228, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 228, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 228, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 228, 244);  
box-shadow:4px 4px 4px 4px rgb(229, 228,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3856, 78.6765, 96.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 244) }
```

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

```
.background{ background-color: rgb(229,  
228, 244) }
```

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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