

Converting Colors

XYZ(76.8197, 78.3322, 90.7352)

Have a look what the booklet for
XYZ(76.8197, 78.3322, 90.7352)
contains.

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Color

**XYZ(76.5976, 78.1110,
90.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE2EC
RGB	235, 226, 236
RGB Percent	92%, 89%, 93%
CMY	0.0784, 0.1137, 0.0745
CMYK	0.00, 0.04, 0.00, 0.07
HSL	294°, 21%, 91%
HSV	294°, 4%, 93%
XYZ	76.5976, 78.1110, 90.3967
YIQ	229.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

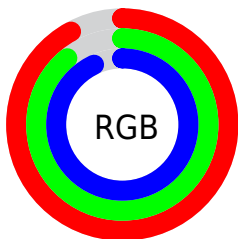
Format	Color
RYB	235, 226, 236
Decimal	15459052
CIELab	90.83, 4.82, -3.78
CIELCh	91, 6.126, 321.877
Yxy	78.1110, 0.3125, 0.3187
Android (android.graphics.Color)	4293649132 (0xFFEBE2EC)
YUV	229.8310, 3.0413, 4.5332
Hunter-Lab	88.3804, 0.0367, 1.2237

Details

The XYZ color **76.5976, 78.1110, 90.3967** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4045, 81.8149, 83.7731**, and the grayscale version is **75.0679, 78.9772, 86.0062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3915, 42.0048, 49.1062** is the 20% darker color. If you saturate the color by 10%, you get **69.8433, 65.7509, 88.3681**, and if you desaturate by 10%, it is **84.2500, 92.2496, 92.7236**.

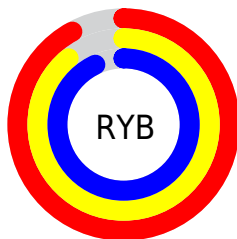
Distribution



Red (92%)

Green (89%)

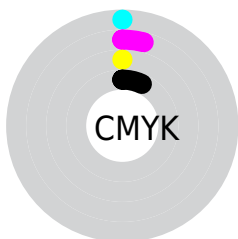
Blue (93%)



Red (92%)

Yellow (89%)

Blue (93%)

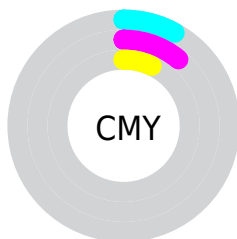


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5976, 78.1110, 90.3967 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 76.5976, 78.1110, 90.3967 by changing the saturation by 10% instead.

76.5976, 78.1110,
90.3967

76.5976, 78.1110,
90.3967

472.3039,
488.5437, 549.9238

57.2214, 58.1652,
67.7341

127.5472,
130.7066, 149.8296

41.4239, 41.9414,
49.2161

159.8513,
164.1251, 187.4371

28.8396, 29.0554,
34.4242

197.1954,
202.8034, 230.8633

19.1032, 19.1228,
22.9396

239.9449,
247.1257, 280.5267

11.8493, 11.7590,
14.3441

288.4652,
297.4765, 336.8459

6.7126, 6.5798,
8.2189

343.1215,

3.3278, 3.2007,

354.2402, 400.2395

4.1455

404.2793,
417.8011, 471.1260

■ 1.3294, 1.2374,
1.7055

■ 0.2050, 0.0919,
0.3645

■ 76.5976, 78.1110,
90.3967

■ 76.5976, 78.1110,
90.3967

■ 69.8433, 65.7509,
88.3681

■ 84.2500, 92.2496,
92.7236

■ 63.9444, 55.0876,
86.6208

■ 86.7420, 96.0532,
93.3264

■ 58.8649, 46.0478,
85.1437

■ 87.5477, 96.4685,
93.3641

■ 54.5635, 38.5490,
83.9229

■ 88.3638, 96.8892,
93.4023

50.9953, 32.5014,
82.9437

89.1904, 97.3154,
93.4410

48.1108, 27.8060,
82.1894

90.0276, 97.7469,
93.4802

45.8540, 24.3514,
81.6416

90.8753, 98.1840,
93.5198

44.1605, 22.0081,
81.2785

91.7337, 98.6265,
93.5600

42.9512, 20.6184,
81.0740

92.1405, 98.8362,
93.5790

Harmonies

Analogous

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



75.3517, 78.1110, 93.1699



76.5976, 78.1110, 90.3967



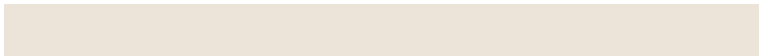
77.2143, 78.1110, 86.2543

Triad

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



76.5976, 78.1110, 90.3967



74.6616, 78.1110, 76.9224



71.5263, 78.1110, 88.2509

Complementary

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



76.5976, 78.1110, 90.3967



75.4045, 81.8149, 83.7731

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.



71.3473, 78.1110, 83.8561



76.5976, 78.1110, 90.3967



73.1436, 78.1110, 77.4154

Square

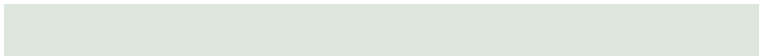
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5976, 78.1110, 90.3967



76.0865, 78.1110, 78.5470



71.9355, 78.1110, 79.9176



72.4279, 78.1110, 91.9015

Rectangle

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



76.5976, 78.1110, 90.3967



77.1797, 78.1110, 83.3151



71.9355, 78.1110, 79.9176



71.3802, 78.1110, 86.8080

Sweetspot

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



76.5998, 78.1144, 90.3984



94.1481, 98.3354, 108.6262



74.0224, 77.2580, 90.3690



20.1611, 21.0654, 23.2534



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.



76.5998, 78.1144, 90.3984



90.6488, 91.8921, 107.5670



76.3801, 78.0647, 87.5127



16.1147, 16.2539, 19.2102



23.4368, 11.1180, 44.6537



1.8833, 0.8952, 3.5084

Inverse Universe

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



75.6564, 77.7752, 83.7017



89.3238, 91.4161, 98.1480



75.6218, 81.8655, 86.5591



15.8481, 16.1582, 17.3127



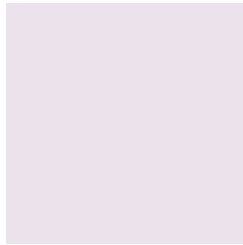
19.1779, 9.8738, 1.4722



1.5266, 0.7836, 0.2246

Previews

White Background



This preview shows how the XYZ color 76.5976, 78.1110, 90.3967 looks on a white background.

Color Contrast Check

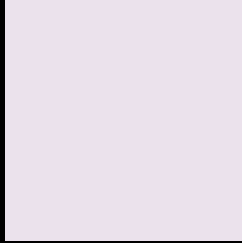
Large Text (above 18pt) WCAG AA × Fail

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 76.5976, 78.1110, 90.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

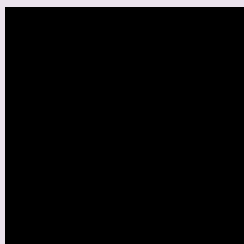
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

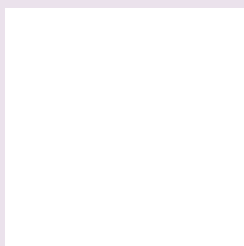
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5976, 78.1110, 90.3967

Background



This preview shows how black text looks on a background with the XYZ color 76.5976, 78.1110, 90.3967.

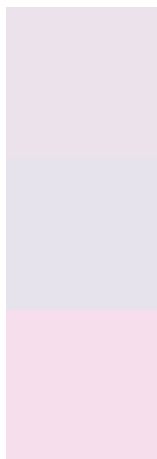


This preview shows how white text looks on a background with the XYZ color 76.5976, 78.1110,

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

76.5976, 78.1110, 90.3967

Protanopia

75.3883, 77.8756, 91.1789

Deuteranopia

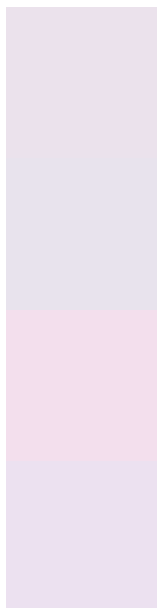
79.7651, 78.1311, 90.9975



Tritanopia

77.6949, 78.1544, 95.7844

Trichromacy



Original Color

76.5976, 78.1110, 90.3967

Protanomaly

76.0339, 78.2084, 91.2091

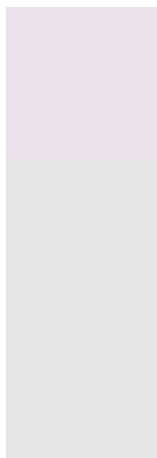
Deuteranomaly

78.6359, 77.9445, 91.0210

Tritanomaly

77.2455, 77.9746, 93.4174

Monochromacy



Original Color

76.5976, 78.1110, 90.3967

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.8635, 79.0206, 87.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5976, 78.1110, 90.3967 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(235, 226, 236) looks like.

```
.text, #text, p{  
    color:rgb(235, 226, 236)  
}
```

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(235, 226, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 226, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.5976, 78.1110, 90.3967 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(235, 226, 236) }
```


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

```
.border{ border-color:rgb(235, 226, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 226, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 226, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 226, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 226,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5976, 78.1110, 90.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 226, 236) }
```

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

```
.background{ background-color: rgb(235,  
226, 236) }
```

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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