

Converting Colors

XYZ(76.1644, 78.9535, 96.9663)

Have a look what the booklet for
XYZ(76.1644, 78.9535, 96.9663)
contains.

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Color

**XYZ(76.0270, 78.9012,
96.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5F4
RGB	227, 229, 244
RGB Percent	89%, 90%, 96%
CMY	0.1098, 0.1019, 0.0431
CMYK	0.07, 0.06, 0.00, 0.04
HSL	233°, 44%, 92%
HSV	233°, 7%, 96%
XYZ	76.0270, 78.9012, 96.8103
YIQ	230.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

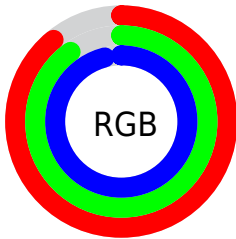
Format	Color
R _Y B	227, 229, 244
Decimal	14935540
CIE Lab	91.19, 2.11, -7.51
CIE LCh	91, 7.799, 285.722
Yxy	78.9012, 0.3020, 0.3134
Android (android.graphics.Color)	4293125620 (0xFFE3E5F4)
YUV	230.1120, 6.8468, -2.7292
Hunter-Lab	88.8263, -2.6669, -2.4407

Details

The XYZ color **76.0270, 78.9012, 96.8103** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9256, 88.2826, 85.3440**, and the grayscale version is **75.2527, 79.1717, 86.2180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2264, 42.6736, 53.6409** is the 20% darker color. If you saturate the color by 10%, you get **63.2791, 64.0314, 94.6132**, and if you desaturate by 10%, it is **90.6085, 95.8167, 99.3080**.

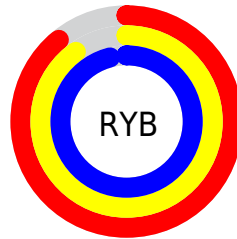
Distribution



Red (89%)

Green (90%)

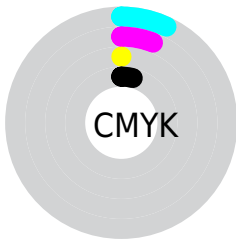
Blue (96%)



Red (89%)

Yellow (90%)

Blue (96%)

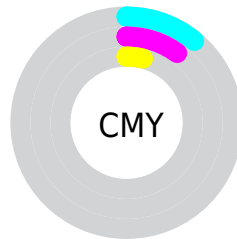


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (10%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0270, 78.9012, 96.8103 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 76.0270, 78.9012, 96.8103 by changing the saturation by 10% instead.

■ 76.0270, 78.9012,
96.8103

■ 76.0270, 78.9012,
96.8103

470.3831,
491.2220, 571.0761

■ 56.7518, 58.8146,
73.0374

126.7452,
131.8198, 158.7803

■ 41.0453, 42.4639,
53.5146

158.9189,
165.4205, 197.8144

■ 28.5423, 29.4647,
37.8232

196.1229,
204.2947, 242.7728

■ 18.8774, 19.4326,
25.5447

238.7224,
248.8268, 294.0738

■ 11.6852, 11.9833,
16.2606

287.0828,
299.4012, 352.1362

■ 6.6004, 6.7323,
9.5524

341.5695,

■ 3.2576, 3.2953,

356.4023, 417.3783

5.0015

402.5478,
420.2144, 490.2187

■ 1.2914, 1.2878,
2.1894

■ 0.1768, 0.1317,
0.6682

■ 76.0270, 78.9012,
96.8103

■ 76.0270, 78.9012,
96.8103

■ 63.2791, 64.0314,
94.6132

■ 90.6085, 95.8167,
99.3080

■ 52.2855, 51.1201,
92.7005

■ 93.3294, 99.3117,
99.8392

■ 42.9709, 40.0881,
91.0621

■ 35.2523, 30.8475,
89.6853

■ 29.0392, 23.3031,
88.5565

■ 24.2322, 17.3507,
87.6610

■ 20.7197, 12.8747,
86.9821

■ 18.3726, 9.7431,
86.5014

■ 17.0315, 7.7984,
86.1967

Harmonies

Analogous

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



74.0605, 78.9012, 96.8872



76.0270, 78.9012, 96.8103



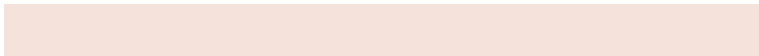
77.7452, 78.9012, 93.7290

Triad

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



76.0270, 78.9012, 96.8103



77.6759, 78.9012, 78.3559



71.3728, 78.9012, 83.2555

Complementary

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



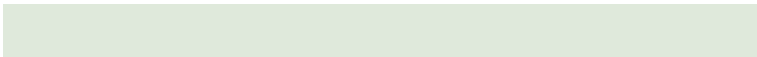
76.0270, 78.9012, 96.8103



82.9256, 88.2826, 85.3440

Split Complementary

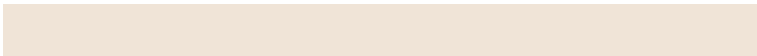
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3070, 78.9012, 78.5384



76.0270, 78.9012, 96.8103



75.9337, 78.9012, 75.7949

Square

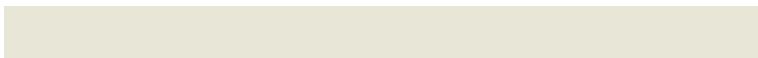
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0270, 78.9012, 96.8103



78.7085, 78.9012, 82.9964



73.9689, 78.9012, 75.8602



71.3967, 78.9012, 88.8910

Rectangle

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



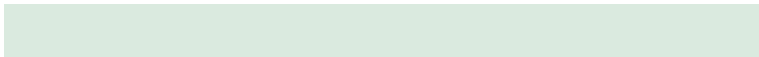
76.0270, 78.9012, 96.8103



78.5086, 78.9012, 90.4599



73.9689, 78.9012, 75.8602



71.5844, 78.9012, 81.5153

Sweetspot

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



76.0293, 78.9045, 96.8120



91.7800, 96.2086, 108.3405



80.0175, 87.4283, 96.4537



19.6790, 20.6323, 23.1952



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.



76.0293, 78.9045, 96.8120



82.4644, 85.3850, 106.7424



77.4800, 78.8342, 96.7220



15.7384, 16.2412, 20.8479



9.1646, 4.1230, 46.8508



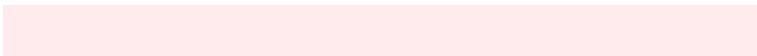
0.8554, 0.4622, 4.1344

Inverse Universe

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



78.9219, 79.8300, 85.3818



86.1206, 86.5625, 92.2932



81.3987, 88.3855, 85.4443



16.5786, 16.5143, 17.5273



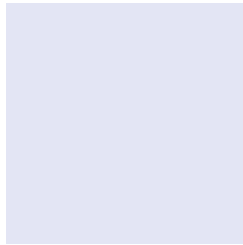
20.4304, 10.5156, 1.7089



1.8208, 0.9343, 0.2829

Previews

White Background



This preview shows how the XYZ color 76.0270, 78.9012, 96.8103 looks on a white background.

Color Contrast Check

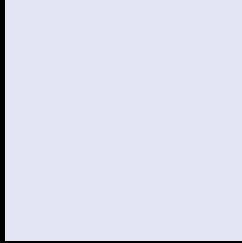
Large Text (above 18pt) WCAG AA × Fail

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 76.0270, 78.9012, 96.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

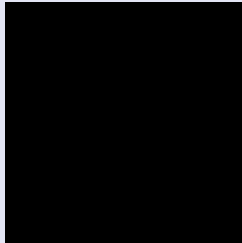
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

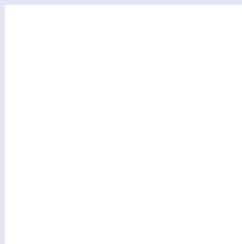
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0270, 78.9012, 96.8103

Background



This preview shows how black text looks on a background with the XYZ color 76.0270, 78.9012, 96.8103.



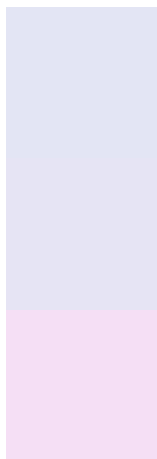
This preview shows how white text looks on a background with the XYZ color 76.0270, 78.9012,

96.8103.

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

76.0270, 78.9012, 96.8103

Protanopia

76.7057, 78.8415, 96.7631

Deuteranopia

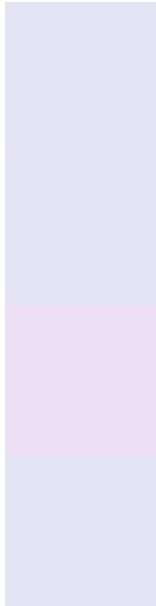
80.5253, 78.7804, 97.3482



Tritanopia

76.4864, 79.0849, 99.2293

Trichromacy



Original Color

76.0270, 78.9012, 96.8103

Protanomaly

76.3856, 78.6765, 96.7481

Deuteranomaly

78.6665, 78.6201, 97.4152

Tritanomaly

76.3324, 79.0233, 98.4187

Monochromacy



Original Color

76.0270, 78.9012, 96.8103

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6053, 79.2498, 89.9092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0270, 78.9012, 96.8103 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(227, 229, 244) looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 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(227, 229, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.0270, 78.9012, 96.8103 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(227, 229, 244) }
```


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

```
.border{ border-color:rgb(227, 229, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 244);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0270, 78.9012, 96.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 244) }
```

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

```
.background{ background-color: rgb(227,  
229, 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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