

Converting Colors

XYZ(76.5487, 79.3938, 90.5084)

Have a look what the booklet for
XYZ(76.5487, 79.3938, 90.5084)
contains.

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Color

**XYZ(76.4383, 79.2506,
90.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E5EC
RGB	232, 229, 236
RGB Percent	91%, 90%, 93%
CMY	0.0902, 0.1019, 0.0745
CMYK	0.02, 0.03, 0.00, 0.07
HSL	266°, 16%, 91%
HSV	266°, 3%, 93%
XYZ	76.4383, 79.2506, 90.6250
YIQ	230.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

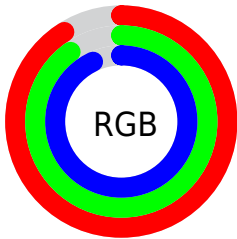
Format	Color
R_{YB}	232, 229, 236
Decimal	15263212
CIE Lab	91.35, 2.27, -3.05
CIE LCh	91, 3.800, 306.645
Yxy	79.2506, 0.3103, 0.3217
Android (android.graphics.Color)	4293453292 (0xFFE8E5EC)
YUV	230.6950, 2.6154, 1.1445
Hunter-Lab	89.0228, -2.5232, 1.9589

Details

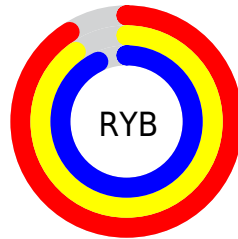
The XYZ color **76.4383, 79.2506, 90.6250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.7457, 82.9738, 86.0508**, and the grayscale version is **75.7123, 79.6553, 86.7446**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2788, 42.7975, 49.2651** is the 20% darker color. If you saturate the color by 10%, you get **66.1343, 64.8969, 88.3987**, and if you desaturate by 10%, it is **87.9708, 95.5599, 93.1664**.

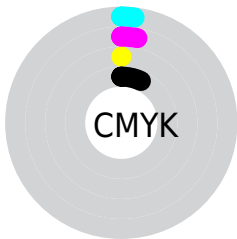
Distribution



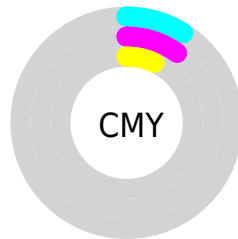
- Red (91%)
- Green (90%)
- Blue (93%)



- Red (91%)
- Yellow (90%)
- Blue (93%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4383, 79.2506, 90.6250 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 76.4383, 79.2506, 90.6250 by changing the saturation by 10% instead.

■ 76.4383, 79.2506,
90.6250

■ 76.4383, 79.2506,
90.6250

471.7681,
492.4037, 550.6843

■ 57.0903, 59.1019,
67.9225

127.3233,
132.3116, 150.1493

■ 41.3182, 42.6951,
49.3684

159.5911,
165.9927, 187.8083

■ 28.7565, 29.6460,
34.5441

196.8961,
204.9533, 231.2897

■ 19.0401, 19.5700,
23.0312

239.6038,
249.5779, 281.0123

■ 11.8034, 12.0829,
14.4110

288.0795,
300.2508, 337.3945

■ 6.6812, 6.8002,
8.2651

342.6885,

■ 3.3081, 3.3374,

357.3565, 400.8549

4.1748

403.7963,
421.2793, 471.8120

■ 1.3187, 1.3103,
1.7217

■ 0.1972, 0.1492,
0.3756

■ 76.4383, 79.2506,
90.6250

■ 76.4383, 79.2506,
90.6250

■ 66.1343, 64.8969,
88.3987

■ 87.9708, 95.5599,
93.1664

■ 57.0091, 52.4134,
86.4701

■ 92.1405, 98.8362,
93.5790

■ 49.0190, 41.7237,
84.8279

■ 42.1152, 32.7420,
83.4582

■ 36.2450, 25.3752,
82.3456

■ 31.3508, 19.5211,
81.4736

■ 27.3685, 15.0653,
80.8234

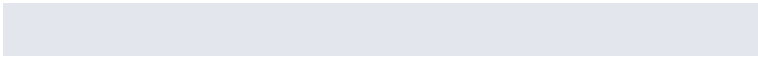
■ 24.2253, 11.8763,
80.3736

■ 21.8344, 9.7956,
80.0980

Harmonies

Analogous

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



75.5403, 79.2506, 91.6775



76.4383, 79.2506, 90.6250



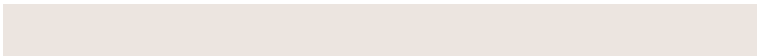
77.0418, 79.2506, 88.4143

Triad

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



76.4383, 79.2506, 90.6250



76.0633, 79.2506, 81.5029



73.4972, 79.2506, 86.9069

Complementary

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



76.4383, 79.2506, 90.6250



77.7457, 82.9738, 86.0508

Split Complementary

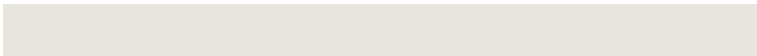
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6345, 79.2506, 84.2008



76.4383, 79.2506, 90.6250



75.1108, 79.2506, 81.1187

Square

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



76.4383, 79.2506, 90.6250



76.8240, 79.2506, 83.1572



74.2232, 79.2506, 82.0963



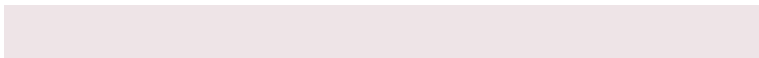
73.8463, 79.2506, 89.5014

Rectangle

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



76.4383, 79.2506, 90.6250



77.1930, 79.2506, 86.6018



74.2232, 79.2506, 82.0963



73.4880, 79.2506, 85.9798

Sweetspot

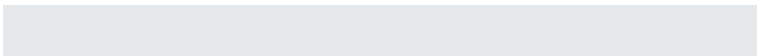
The Sweet Spot groups the original color and five complimentary colors.



76.4406, 79.2540, 90.6267



93.7075, 98.1083, 108.6056



76.6189, 81.0420, 90.9625



20.0714, 21.0192, 23.2492



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.



76.4406, 79.2540, 90.6267



89.7687, 92.5744, 107.7451



77.5607, 79.8315, 90.6792



15.8931, 16.3293, 19.2365



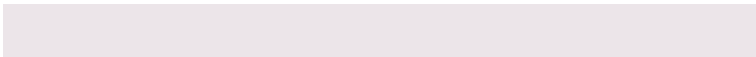
11.4490, 4.9381, 44.0927



1.0071, 0.4435, 3.4674

Inverse Universe

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



77.3223, 79.7584, 88.4147



91.1866, 93.3857, 104.1823



76.6408, 82.4042, 85.9991



16.1909, 16.4997, 18.4873



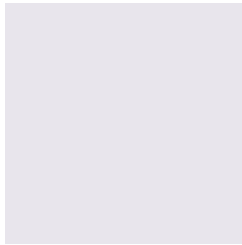
21.5422, 10.8196, 13.9227



1.7396, 0.8688, 1.3462

Previews

White Background



This preview shows how the XYZ color 76.4383, 79.2506, 90.6250 looks on a white background.

Color Contrast Check

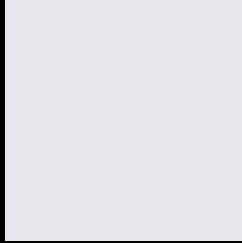
Large Text (above 18pt) WCAG AA × Fail

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 76.4383, 79.2506, 90.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

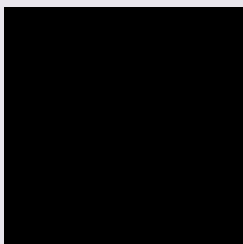
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

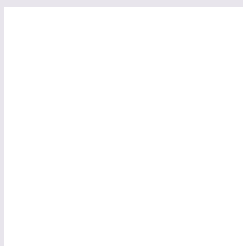
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4383, 79.2506, 90.6250

Background



This preview shows how black text looks on a background with the XYZ color 76.4383, 79.2506, 90.6250.



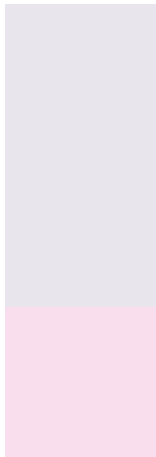
This preview shows how white text looks on a background with the XYZ color 76.4383, 79.2506,

90.6250.

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

76.4383, 79.2506, 90.6250

Protanopia

76.4383, 79.2506, 90.6250

Deuteranopia

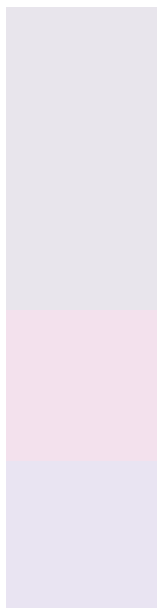
80.7407, 79.0295, 91.1195



Tritanopia

77.8291, 79.4030, 97.6105

Trichromacy



Original Color

76.4383, 79.2506, 90.6250

Protanomaly

76.4383, 79.2506, 90.6250

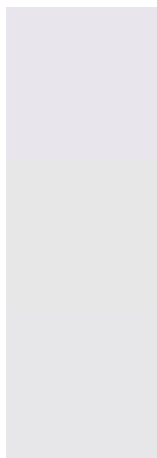
Deuteranomaly

79.1734, 79.0195, 91.2002

Tritanomaly

77.3747, 79.2212, 95.2175

Monochromacy



Original Color

76.4383, 79.2506, 90.6250

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9598, 79.4657, 88.4257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4383, 79.2506, 90.6250 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(232, 229, 236) looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 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(232, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.4383, 79.2506, 90.6250 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(232, 229, 236) }
```


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

```
.border{ border-color:rgb(232, 229, 236) }
```

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

Here you see how a box with a 4 pixel rgb(232, 229, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4383, 79.2506, 90.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 236) }
```

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

```
.background{ background-color: rgb(232,  
229, 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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