

Converting Colors

XYZ(76.3810, 78.1538, 91.6941)

Have a look what the booklet for
XYZ(76.3810, 78.1538, 91.6941)
contains.

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Color

**XYZ(76.2332, 77.8894,
91.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E2EE
RGB	233, 226, 238
RGB Percent	91%, 89%, 93%
CMY	0.0863, 0.1137, 0.0667
CMYK	0.02, 0.05, 0.00, 0.07
HSL	275°, 26%, 91%
HSV	275°, 5%, 93%
XYZ	76.2332, 77.8894, 91.9052
YIQ	229.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

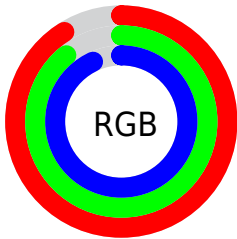
Format	Color
R _Y B	233, 226, 238
Decimal	15327982
CIE Lab	90.73, 4.52, -5.00
CIE LCh	91, 6.735, 312.111
Yxy	77.8894, 0.3099, 0.3166
Android (android.graphics.Color)	4293518062 (0xFFE9E2EE)
YUV	229.4610, 4.2097, 3.1037
Hunter-Lab	88.2550, -0.2608, 0.0362

Details

The XYZ color **76.2332, 77.8894, 91.9052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.2601, 83.6312, 84.0259**, and the grayscale version is **74.7874, 78.6822, 85.6849**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1379, 41.8503, 50.1657** is the 20% darker color. If you saturate the color by 10%, you get **67.0580, 64.2115, 89.7499**, and if you desaturate by 10%, it is **86.4932, 93.4644, 94.3719**.

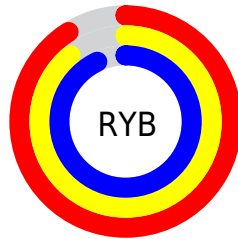
Distribution



Red (91%)

Green (89%)

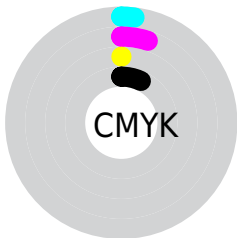
Blue (93%)



Red (91%)

Yellow (89%)

Blue (93%)

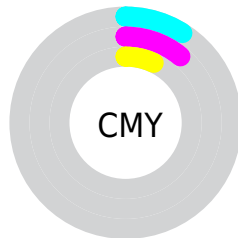


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2332, 77.8894, 91.9052 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 76.2332, 77.8894, 91.9052 by changing the saturation by 10% instead.

■ 76.2332, 77.8894,
91.9052

■ 76.2332, 77.8894,
91.9052

471.0777,
487.7911, 554.9383

■ 56.9215, 57.9831,
68.9793

127.0351,
130.3942, 151.9405

■ 41.1821, 41.7951,
50.2232

159.2560,
163.7615, 189.8871

■ 28.6497, 28.9409,
35.2184

196.5106,
202.3846, 233.6776

■ 18.9589, 19.0361,
23.5462

239.1644,
246.6480, 283.7306

■ 11.7444, 11.6964,
14.7883

287.5826,
296.9359, 340.4646

■ 6.6409, 6.5373,
8.5260

342.1307,

■ 3.2828, 3.1744,

353.6328, 404.2982

4.3407

403.1739,
417.1231, 475.6499

■ 1.3050, 1.2235,
1.8141

■ 0.1870, 0.0808,
0.4372

■ 76.2332, 77.8894,
91.9052

■ 76.2332, 77.8894,
91.9052

■ 67.0580, 64.2115,
89.7499

■ 86.4932, 93.4644,
94.3719

■ 58.9212, 52.3456,
87.8884

■ 91.6434, 98.5461,
95.0813

■ 51.7827, 42.2149,
86.3092

■ 92.4328, 98.9531,
95.1183

■ 45.5970, 33.7330,
84.9980

■ 40.3148, 26.8059,
83.9394

■ 35.8816, 21.3300,
83.1161

■ 32.2367, 17.1885,
82.5088

■ 29.3096, 14.2457,
82.0950

■ 27.0145, 12.3354,
81.8473

Harmonies

Analogous

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



74.7158, 77.8894, 94.2421



76.2332, 77.8894, 91.9052



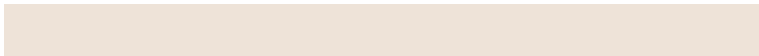
77.1689, 77.8894, 87.7008

Triad

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



76.2332, 77.8894, 91.9052



75.0348, 77.8894, 76.2522



70.8979, 77.8894, 86.7769

Complementary

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



76.2332, 77.8894, 91.9052



77.2601, 83.6312, 84.0259

Split Complementary

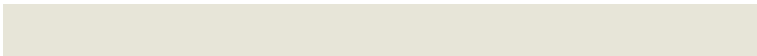
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9804, 77.8894, 81.9801



76.2332, 77.8894, 91.9052



73.3515, 77.8894, 76.0261

Square

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



76.2332, 77.8894, 91.9052



76.4698, 77.8894, 78.7164



71.8727, 77.8894, 78.0865



71.6457, 77.8894, 91.2067

Rectangle

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



76.2332, 77.8894, 91.9052



77.3284, 77.8894, 84.4658



71.8727, 77.8894, 78.0865



70.8298, 77.8894, 85.1517

Sweetspot

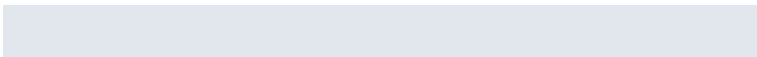
The Sweet Spot groups the original color and five complimentary colors.



76.2354, 77.8927, 91.9069



92.6668, 96.3881, 108.3284



75.4316, 79.6088, 92.2805



19.8595, 20.6689, 23.1927



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.



76.2354, 77.8927, 91.9069



88.0544, 89.4342, 107.2293



77.7739, 78.6994, 91.3668



16.3654, 16.5593, 20.0553



14.6820, 6.5742, 45.6230



1.3344, 0.6052, 3.8007

Inverse Universe

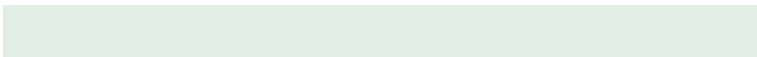
The Inverse Universe completely reimagines the original color for something new.



76.8829, 78.3430, 86.6751



88.9583, 90.0623, 99.9461



75.7790, 82.8549, 84.5308



16.5518, 16.6888, 18.5557



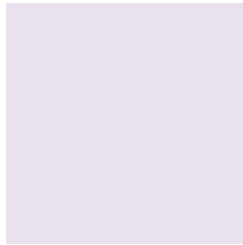
20.9944, 10.6702, 7.8870



1.7950, 0.9070, 0.9114

Previews

White Background



This preview shows how the XYZ color 76.2332, 77.8894, 91.9052 looks on a white background.

Color Contrast Check

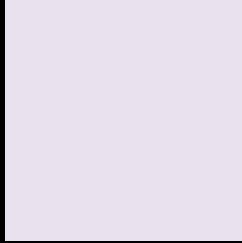
Large Text (above 18pt) WCAG AA × Fail

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 76.2332, 77.8894, 91.9052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

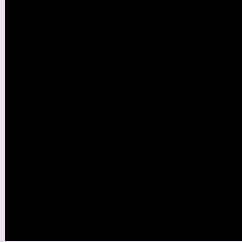
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

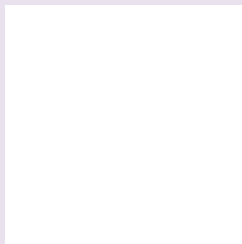
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2332, 77.8894, 91.9052

Background



This preview shows how black text looks on a background with the XYZ color 76.2332, 77.8894, 91.9052.



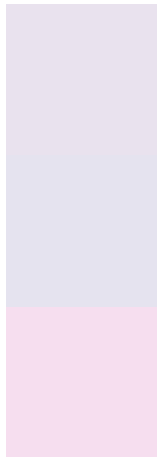
This preview shows how white text looks on a background with the XYZ color 76.2332, 77.8894,

91.9052.

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

76.2332, 77.8894, 91.9052

Protanopia

75.3622, 77.8282, 92.7117

Deuteranopia

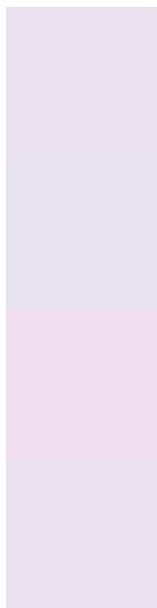
79.7073, 78.0674, 92.5288



Tritanopia

77.0346, 77.8139, 95.7534

Trichromacy



Original Color

76.2332, 77.8894, 91.9052

Protanomaly

75.6822, 77.9932, 92.7267

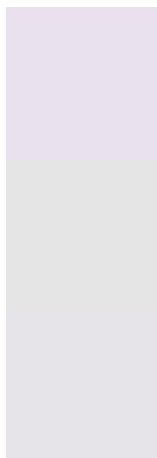
Deuteranomaly

78.2433, 77.7081, 92.5367

Tritanomaly

76.7341, 77.6937, 94.1712

Monochromacy



Original Color

76.2332, 77.8894, 91.9052

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9420, 78.1360, 87.4758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2332, 77.8894, 91.9052 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(233, 226, 238) looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 238)  
}
```

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(233, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 238) }
```

Border

The CSS property to change the border of an element to XYZ 76.2332, 77.8894, 91.9052 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(233, 226, 238) }
```


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

```
.border{ border-color:rgb(233, 226, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2332, 77.8894, 91.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 238) }
```

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

```
.background{ background-color: rgb(233,  
226, 238) }
```

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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