

Converting Colors

XYZ(77.7883, 80.6427, 92.2383)

Have a look what the booklet for
XYZ(77.7883, 80.6427, 92.2383)
contains.

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Color

**XYZ(77.9402, 80.8173,
92.3803)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE7EE
RGB	234, 231, 238
RGB Percent	92%, 91%, 93%
CMY	0.0823, 0.0941, 0.0667
CMYK	0.02, 0.03, 0.00, 0.07
HSL	266°, 17%, 92%
HSV	266°, 3%, 93%
XYZ	77.9402, 80.8173, 92.3803
YIQ	232.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

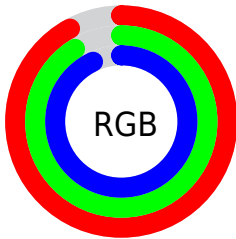
Format	Color
R _Y B	234, 231, 238
Decimal	15394798
CIE Lab	92.05, 2.26, -3.04
CIE LCh	92, 3.794, 306.645
Yxy	80.8173, 0.3103, 0.3218
Android (android.graphics.Color)	4293584878 (0xFFEAE7EE)
YUV	232.6950, 2.6154, 1.1445
Hunter-Lab	89.8984, -2.5662, 2.0021

Details

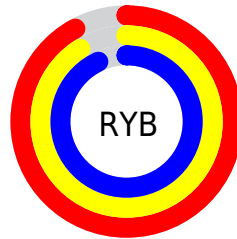
The XYZ color **77.9402, 80.8173, 92.3803** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.2623, 84.5829, 87.7540**, and the grayscale version is **77.2060, 81.2267, 88.4559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1336, 43.5023, 50.4321** is the 20% darker color. If you saturate the color by 10%, you get **67.4300, 66.1756, 90.1093**, and if you desaturate by 10%, it is **89.7039, 97.4543, 94.9728**.

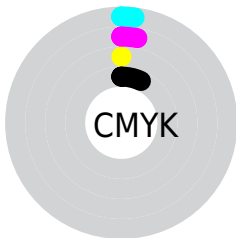
Distribution



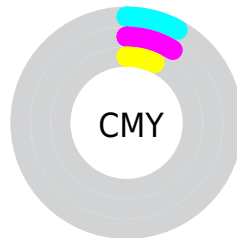
- Red (92%)
- Green (91%)
- Blue (93%)



- Red (92%)
- Yellow (91%)
- Blue (93%)



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



- Cyan (8%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9402, 80.8173, 92.3803 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 77.9402, 80.8173, 92.3803 by changing the saturation by 10% instead.

■ 77.9402, 80.8173,
92.3803

■ 77.9402, 80.8173,
92.3803

476.8066,
497.6829, 556.5125

■ 58.3275, 60.3911,
69.3717

129.4316,
134.5142, 152.6046

■ 42.3163, 43.7340,
50.5409

162.0410,
168.5537, 190.6575

■ 29.5412, 30.4614,
35.4692

199.7134,
207.8999, 234.5622

■ 19.6369, 20.1891,
23.7381

242.8140,
252.9369, 284.7373

■ 12.2381, 12.5326,
14.9290

291.7083,
304.0494, 341.6014

■ 6.9794, 7.1075,
8.6235

346.7616,

■ 3.4955, 3.5294,

361.6216, 405.5729

4.4030

408.3393,
426.0380, 477.0704

■ 1.4209, 1.4140,
1.8489

■ 0.2710, 0.2270,
0.4599

■ 77.9402, 80.8173,
92.3803

■ 77.9402, 80.8173,
92.3803

■ 67.4300, 66.1756,
90.1093

■ 89.7039, 97.4543,
94.9728

■ 58.1225, 53.4421,
88.1421

■ 92.4328, 98.9531,
95.1182

■ 49.9731, 42.5390,
86.4671

■ 42.9322, 33.3784,
85.0700

■ 36.9457, 25.8655,
83.9354

■ 31.9549, 19.8960,
83.0462

■ 27.8945, 15.3530,
82.3833

■ 24.6901, 12.1023,
81.9248

■ 22.2530, 9.9821,
81.6440

Harmonies

Analogous

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



77.0318, 80.8173, 93.4446



77.9402, 80.8173, 92.3803



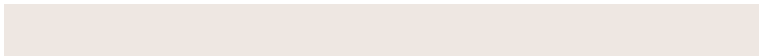
78.5506, 80.8173, 90.1446

Triad

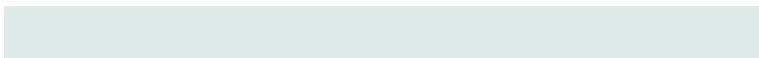
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.9402, 80.8173, 92.3803



77.5609, 80.8173, 83.1527



74.9650, 80.8173, 88.6199

Complementary

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



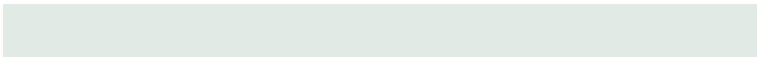
77.9402, 80.8173, 92.3803



79.2623, 84.5829, 87.7540

Split Complementary

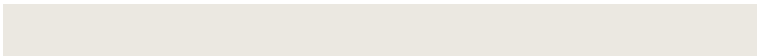
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1040, 80.8173, 85.8824



77.9402, 80.8173, 92.3803



76.5974, 80.8173, 82.7640

Square

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



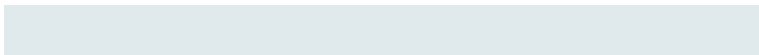
77.9402, 80.8173, 92.3803



78.3303, 80.8173, 84.8266



75.6995, 80.8173, 83.7532



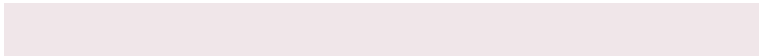
75.3182, 80.8173, 91.2440

Rectangle

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



77.9402, 80.8173, 92.3803



78.7035, 80.8173, 88.3112



75.6995, 80.8173, 83.7532



74.9558, 80.8173, 87.6821

Sweetspot

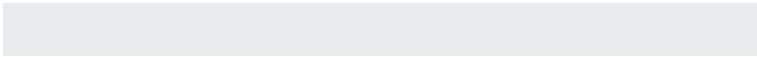
The Sweet Spot groups the original color and five complimentary colors.



77.9425, 80.8208, 92.3821



93.7075, 98.1083, 108.6056



78.1227, 82.6292, 92.7216



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.



77.9425, 80.8208, 92.3821



89.7688, 92.5745, 107.7451



79.0753, 81.4047, 92.4351



16.6412, 17.0970, 20.1446



11.8033, 5.0902, 45.4883



1.0935, 0.4810, 3.7894

Inverse Universe

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



78.8341, 81.3308, 90.1448



91.1865, 93.3857, 104.1820



78.1449, 84.0068, 87.7017



16.9538, 17.2759, 19.3582



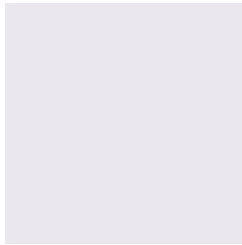
22.2199, 11.1604, 14.3404



1.8982, 0.9483, 1.4549

Previews

White Background



This preview shows how the XYZ color 77.9402, 80.8173, 92.3803 looks on a white background.

Color Contrast Check

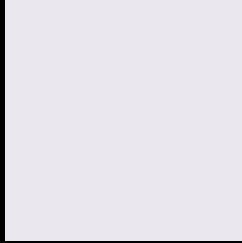
Large Text (above 18pt) WCAG AA × Fail

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 77.9402, 80.8173, 92.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

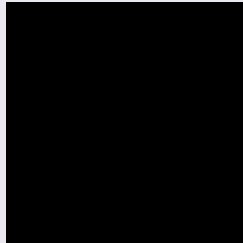
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

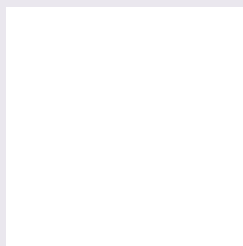
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9402, 80.8173, 92.3803

Background



This preview shows how black text looks on a background with the XYZ color 77.9402, 80.8173, 92.3803.



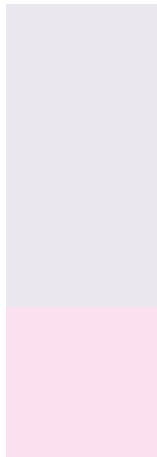
This preview shows how white text looks on a background with the XYZ color 77.9402, 80.8173,

92.3803.

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

77.9402, 80.8173, 92.3803

Protanopia

77.9402, 80.8173, 92.3803

Deuteranopia

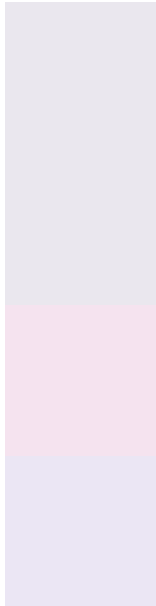
82.2889, 80.5917, 92.8800



Tritanopia

79.2235, 80.4781, 100.1652

Trichromacy



Original Color

77.9402, 80.8173, 92.3803

Protanomaly

77.9402, 80.8173, 92.3803

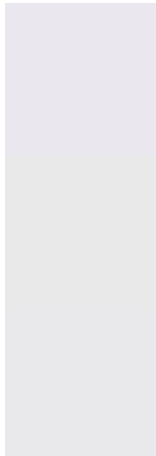
Deuteranomaly

80.7053, 80.5826, 92.9617

Tritanomaly

78.8869, 80.7874, 97.0237

Monochromacy



Original Color

77.9402, 80.8173, 92.3803

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.4563, 81.0350, 90.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9402, 80.8173, 92.3803 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(234, 231, 238) looks like.

```
.text, #text, p{  
    color:rgb(234, 231, 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(234, 231, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 231, 238) }
```

Border

The CSS property to change the border of an element to XYZ 77.9402, 80.8173, 92.3803 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(234, 231, 238) }
```


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

```
.border{ border-color:rgb(234, 231, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 231, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 231, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 231, 238);  
box-shadow:4px 4px 4px 4px rgb(234, 231,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9402, 80.8173, 92.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 231, 238) }
```

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

```
.background{ background-color: rgb(234,  
231, 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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