

Converting Colors

XYZ(77.1662, 77.6537, 95.2120)

Have a look what the booklet for
XYZ(77.1662, 77.6537, 95.2120)
contains.

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Color

**XYZ(76.9436, 77.3843,
94.8857)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EBE0F2 |
| RGB | 235, 224, 242 |
| RGB Percent | 92%, 88%, 95% |
| CMY | 0.0784, 0.1215, 0.0510 |
| CMYK | 0.03, 0.07, 0.00, 0.05 |
| HSL | 277°, 41%, 91% |
| HSV | 277°, 7%, 95% |
| XYZ | 76.9436, 77.3843, 94.8857 |
| YIQ | 229.3410, 0.7780, 7.9300 |

Conversions

Conversions Part 2

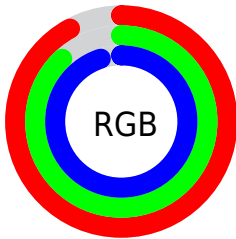
| Format | Color |
|-------------------------------------|-----------------------------|
| R _{YB} | 235, 224, 242 |
| Decimal | 15458546 |
| CIE Lab | 90.50, 6.95, -7.42 |
| CIE LCh | 90, 10.165, 313.146 |
| Yxy | 77.3843, 0.3087, 0.3105 |
| Android (android.graphics.Color) | 4293648626 (0xFFEBE0F2) |
| YUV | 229.3410, 6.2409, 4.9629 |
| Hunter-Lab | 87.9683, 2.1847, -2.3744 |

Details

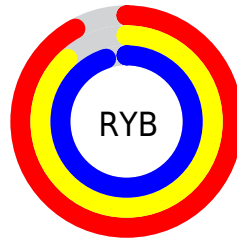
The XYZ color **76.9436, 77.3843, 94.8857** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1646, 85.8771, 82.9812**, and the grayscale version is **74.6842, 78.5736, 85.5667**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6413, 41.5048, 52.2709** is the 20% darker color. If you saturate the color by 10%, you get **67.8716, 63.7317, 92.7298**, and if you desaturate by 10%, it is **87.1102, 92.9796, 97.3612**.

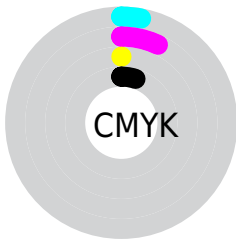
Distribution



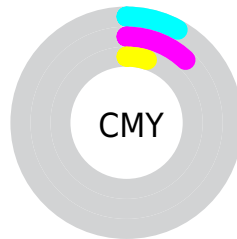
- Red (92%)
- Green (88%)
- Blue (95%)



- Red (92%)
- Yellow (88%)
- Blue (95%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9436, 77.3843, 94.8857 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 76.9436, 77.3843, 94.8857 by changing the saturation by 10% instead.

76.9436, 77.3843,
94.8857

76.9436, 77.3843,
94.8857

473.4666,
486.0733, 564.7740

57.5063, 57.5683,
71.4435

128.0331,
129.6818, 156.1009

41.6536, 41.4617,
52.2201

160.4161,
162.9322, 194.7110

29.0201, 28.6800,
36.7971

197.8451,
201.4294, 239.2141

19.2404, 18.8389,
24.7559

240.6853,
245.5580, 290.0288

11.9491, 11.5539,
15.6779

289.3023,
295.7023, 347.5735

6.7810, 6.4407,
9.1447

344.0612,

3.3706, 3.1149,

352.2467, 412.2670

4.7376

405.3275,
415.5755, 484.5276

■ 1.3527, 1.1920,
2.0381

■ 0.2221, 0.0552,
0.5785

■ 76.9436, 77.3843,
94.8857

■ 76.9436, 77.3843,
94.8857

■ 67.8716, 63.7317,
92.7298

■ 87.1102, 92.9796,
97.3612

■ 59.8460, 51.9326,
90.8753

■ 92.5973, 98.9693,
98.2281

■ 52.8249, 41.9059,
89.3100

■ 93.0272, 99.1909,
98.2483

■ 46.7606, 33.5601,
88.0188

■ 41.6012, 26.7956,
86.9850

■ 37.2895, 21.5017,
86.1904

■ 33.7605, 17.5530,
85.6143

■ 30.9384, 14.8024,
85.2321

■ 28.7245, 13.0565,
85.0118

Harmonies

Analogous

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



74.6683, 77.3843, 98.6323



76.9436, 77.3843, 94.8857



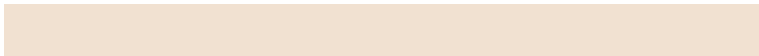
78.3273, 77.3843, 88.3808

Triad

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



76.9436, 77.3843, 94.8857



74.9772, 77.3843, 71.5634



68.8954, 77.3843, 87.4810

Complementary

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



76.9436, 77.3843, 94.8857



78.1646, 85.8771, 82.9812

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.



68.9738, 77.3843, 80.2661



76.9436, 77.3843, 94.8857



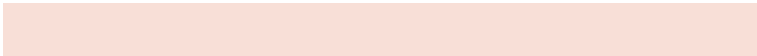
72.4458, 77.3843, 71.3534

Square

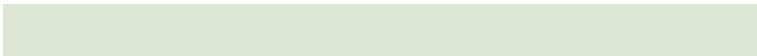
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9436, 77.3843, 94.8857



77.1742, 77.3843, 75.0468



70.2605, 77.3843, 74.4557



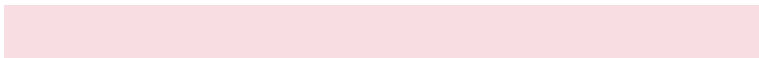
70.0439, 77.3843, 94.1944

Rectangle

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



76.9436, 77.3843, 94.8857



78.5387, 77.3843, 83.4927



70.2605, 77.3843, 74.4557



68.7800, 77.3843, 85.0286

Sweetspot

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



76.9459, 77.3876, 94.8874



92.7185, 96.4148, 108.3309



75.4024, 79.5251, 95.3813



19.8700, 20.6743, 23.1932



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.



76.9459, 77.3876, 94.8874



84.9524, 84.5674, 106.4534



79.0338, 78.4951, 93.5809



15.8244, 15.7067, 19.9193



15.3155, 6.9008, 45.6527



1.3852, 0.6313, 3.8031

Inverse Universe

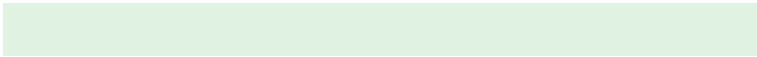
The Inverse Universe completely reimagines the original color for something new.



77.7002, 77.9616, 86.5582



85.9844, 85.3509, 95.1435



76.1955, 84.8336, 84.1700



16.0273, 15.8606, 17.7001



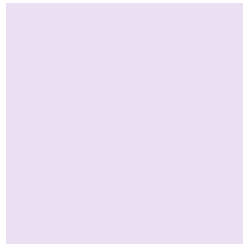
20.8222, 10.6013, 6.9801



1.7796, 0.9009, 0.8301

Previews

White Background



This preview shows how the XYZ color 76.9436, 77.3843, 94.8857 looks on a white background.

Color Contrast Check

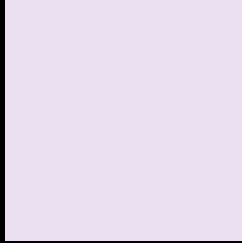
Large Text (above 18pt) WCAG AA × Fail

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 76.9436, 77.3843, 94.8857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

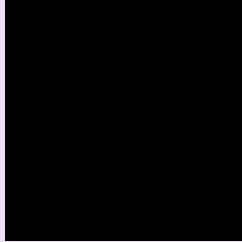
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

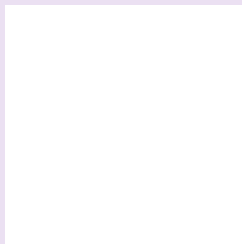
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9436, 77.3843, 94.8857

Background



This preview shows how black text looks on a background with the XYZ color 76.9436, 77.3843, 94.8857.



This preview shows how white text looks on a background with the XYZ color 76.9436, 77.3843,

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

76.9436, 77.3843, 94.8857

Protanopia

75.0526, 77.1947, 95.7384

Deuteranopia

78.9963, 77.2387, 95.5390



Tritanopia

76.9436, 77.3843, 94.8857

Trichromacy



Original Color

76.9436, 77.3843, 94.8857

Protanomaly

75.7360, 77.1445, 95.6927

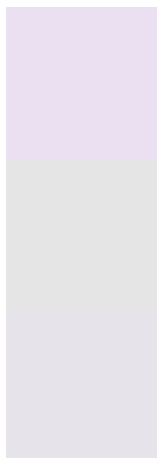
Deuteranomaly

78.2341, 77.2389, 95.5792

Tritanomaly

76.9436, 77.3843, 94.8857

Monochromacy



Original Color

76.9436, 77.3843, 94.8857

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2754, 77.8676, 88.9044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9436, 77.3843, 94.8857 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, 224, 242) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 242)  
}
```

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, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.9436, 77.3843, 94.8857 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, 224, 242) }
```


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

```
.border{ border-color:rgb(235, 224, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9436, 77.3843, 94.8857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 242) }
```

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

```
.background{ background-color: rgb(235,  
224, 242) }
```

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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