

Converting Colors

XYZ(76.1151, 76.5573, 83.1495)

Have a look what the booklet for
XYZ(76.1151, 76.5573, 83.1495)
contains.

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Color

**XYZ(75.9216, 76.3139,
83.4016)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DEE3
RGB	240, 222, 227
RGB Percent	94%, 87%, 89%
CMY	0.0588, 0.1294, 0.1098
CMYK	0.00, 0.07, 0.05, 0.06
HSL	343°, 37%, 91%
HSV	343°, 7%, 94%
XYZ	75.9216, 76.3139, 83.4016
YIQ	227.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

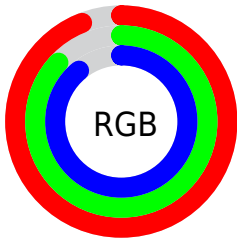
Format	Color
RYB	240, 222, 227
Decimal	15785699
CIELab	90.00, 7.01, -0.23
CIElCh	90, 7.009, 358.152
Yxy	76.3139, 0.3222, 0.3239
Android (android.graphics.Color)	4293975779 (0xFFFF0DEE3)
YUV	227.9520, -0.4693, 10.5661
Hunter-Lab	87.3578, 2.2559, 4.5456

Details

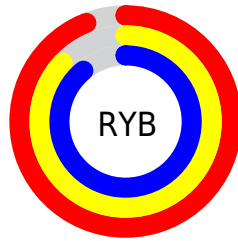
The XYZ color **75.9216, 76.3139, 83.4016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2826, 83.8499, 90.7656**, and the grayscale version is **73.7082, 77.5468, 84.4485**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0323, 40.8063, 44.7435** is the 20% darker color. If you saturate the color by 10%, you get **67.7220, 63.5526, 69.4512**, and if you desaturate by 10%, it is **85.2738, 90.9929, 98.9270**.

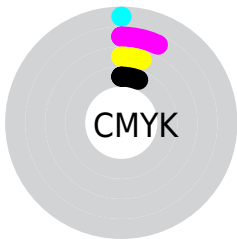
Distribution



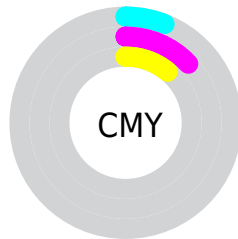
- Red (94%)
- Green (87%)
- Blue (89%)



- Red (94%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9216, 76.3139, 83.4016 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 75.9216, 76.3139, 83.4016 by changing the saturation by 10% instead.

75.9216, 76.3139,
83.4016

75.9216, 76.3139,
83.4016

470.0278,
482.4216, 526.3300

56.6651, 56.6899,
61.9790

126.5970,
128.1705, 139.9921

40.9755, 40.7564,
44.5800

158.7466,
161.1720, 175.9970

28.4875, 28.1288,
30.7862

195.9246,
199.4014, 217.6997

18.8358, 18.4227,
20.1790

238.4963,
243.2431, 265.5188

11.6550, 11.2539,
12.3399

286.8271,
293.0816, 319.8729

6.5797, 6.2379,
6.8502

341.2824,

3.2447, 2.9903,

349.3013, 381.1804

3.2916

402.2275,
412.2865, 449.8599

■ 1.2844, 1.1267,
1.2454

■ 0.1715, 0.0005,
0.0164

■ 75.9216, 76.3139,
83.4016

■ 75.9216, 76.3139,
83.4016

■ 67.7220, 63.5526,
69.4512

■ 85.2738, 90.9929,
98.9270

■ 60.6234, 52.6200,
57.0207

■ 89.7456, 97.2655,
108.6518

■ 54.5796, 43.4346,
46.0590

■ 49.5388, 35.9052,
36.5103

■ 45.4444, 29.9320,
28.3150

■ 42.2341, 25.4045,
21.4090

■ 39.8378, 22.1974,
15.7225

■ 38.1740, 20.1639,
11.1784

■ 37.1370, 19.1103,
7.6867

Harmonies

Analogous

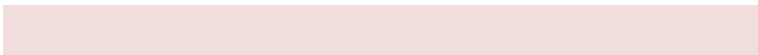
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4065, 76.3139, 88.2399



75.9216, 76.3139, 83.4016



75.5171, 76.3139, 78.6638

Triad

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



75.9216, 76.3139, 83.4016



70.9706, 76.3139, 74.9461



70.7870, 76.3139, 91.4804

Complementary

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



75.9216, 76.3139, 83.4016



76.2826, 83.8499, 90.7656

Split Complementary

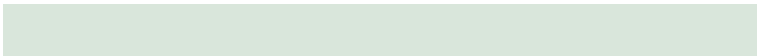
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6307, 76.3139, 87.6851



75.9216, 76.3139, 83.4016



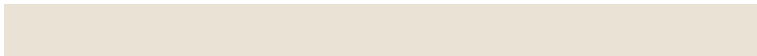
69.7355, 76.3139, 78.1500

Square

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



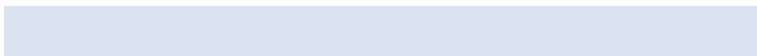
75.9216, 76.3139, 83.4016



72.6418, 76.3139, 73.9000



69.2488, 76.3139, 82.7849



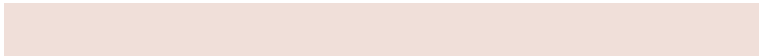
72.4265, 76.3139, 93.0181

Rectangle

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



75.9216, 76.3139, 83.4016



74.7838, 76.3139, 76.1735



69.2488, 76.3139, 82.7849



70.3299, 76.3139, 90.4191

Sweetspot

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



75.9238, 76.3172, 83.4032



92.8570, 96.5541, 105.2707



76.0800, 76.1825, 93.1339



19.8982, 20.7026, 22.5704



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

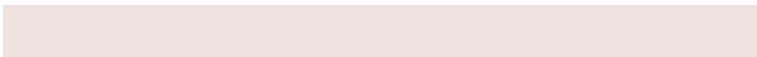
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9238, 76.3172, 83.4032



85.6053, 85.1992, 93.1470



76.2917, 78.1407, 80.1729



15.9531, 15.8310, 17.3093



20.2683, 10.3798, 4.0637



1.7269, 0.8798, 0.5525

Inverse Universe

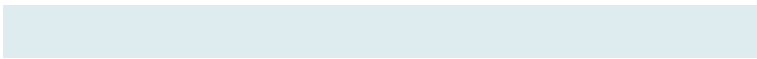
The Inverse Universe completely reimagines the original color for something new.



75.9238, 76.3172, 83.4032



85.6053, 85.1992, 93.1470



75.8792, 81.8717, 94.2426



15.9531, 15.8310, 17.3093



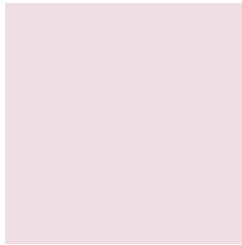
20.2683, 10.3798, 4.0637



1.7269, 0.8798, 0.5525

Previews

White Background



This preview shows how the XYZ color 75.9216, 76.3139, 83.4016 looks on a white background.

Color Contrast Check

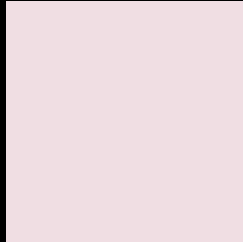
Large Text (above 18pt) WCAG AA × Fail

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 75.9216, 76.3139, 83.4016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

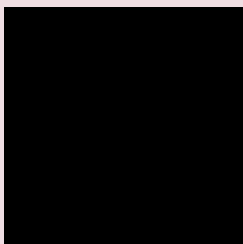
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

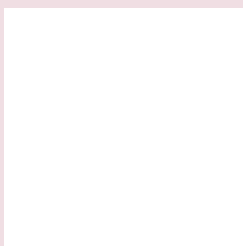
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9216, 76.3139, 83.4016

Background



This preview shows how black text looks on a background with the XYZ color 75.9216, 76.3139, 83.4016.

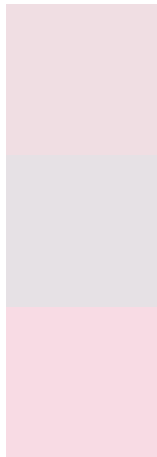


This preview shows how white text looks on a background with the XYZ color 75.9216, 76.3139,

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

75.9216, 76.3139, 83.4016

Protanopia

73.7012, 76.3306, 84.9775

Deuteranopia

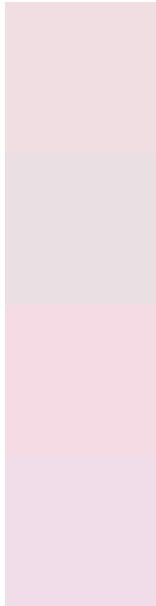
78.0465, 76.2209, 83.9974



Tritanopia

77.6438, 76.2367, 91.5118

Trichromacy



Original Color

75.9216, 76.3139, 83.4016

Protanomaly

74.5909, 76.4052, 84.2151

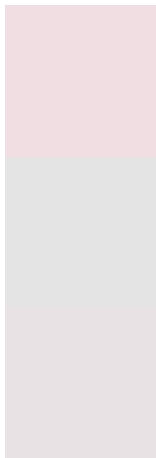
Deuteranomaly

77.2530, 76.2003, 84.0352

Tritanomaly

76.9834, 76.3542, 88.5223

Monochromacy



Original Color

75.9216, 76.3139, 83.4016

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4787, 77.1500, 84.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9216, 76.3139, 83.4016 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(240, 222, 227) looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 227)  
}
```

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(240, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.9216, 76.3139, 83.4016 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(240, 222, 227) }
```


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

```
.border{ border-color:rgb(240, 222, 227) }
```

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

Here you see how a box with a 4 pixel rgb(240, 222, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9216, 76.3139, 83.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 227) }
```

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

```
.background{ background-color: rgb(240,  
222, 227) }
```

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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