

Converting Colors

XYZ(74.2830, 75.8205, 83.0565)

Have a look what the booklet for
XYZ(74.2830, 75.8205, 83.0565)
contains.

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Color

**XYZ(74.5138, 75.9836,
83.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDFE3
RGB	235, 223, 227
RGB Percent	92%, 87%, 89%
CMY	0.0784, 0.1255, 0.1098
CMYK	0.00, 0.05, 0.03, 0.08
HSL	340°, 23%, 90%
HSV	340°, 5%, 92%
XYZ	74.5138, 75.9836, 83.4120
YIQ	227.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

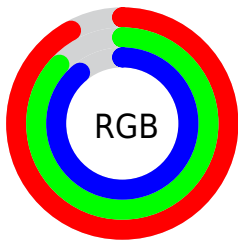
Format	Color
R _Y B	235, 223, 227
Decimal	15458275
CIE Lab	89.85, 4.78, -0.50
CIE LCh	90, 4.806, 354.055
Yxy	75.9836, 0.3186, 0.3248
Android (android.graphics.Color)	4293648355 (0xFFE8DFE3)
YUV	227.0440, -0.0217, 6.9774
Hunter-Lab	87.1686, 0.0411, 4.2831

Details

The XYZ color **74.5138, 75.9836, 83.4120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5665, 80.8762, 87.2861**, and the grayscale version is **73.0447, 76.8487, 83.6882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0394, 40.5675, 44.7497** is the 20% darker color. If you saturate the color by 10%, you get **66.6006, 63.4619, 70.5839**, and if you desaturate by 10%, it is **83.4997, 90.3334, 97.5710**.

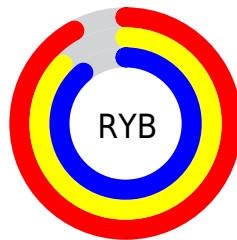
Distribution



Red (92%)

Green (87%)

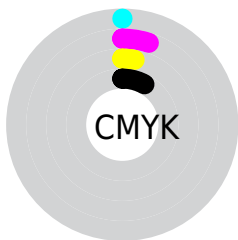
Blue (89%)



Red (92%)

Yellow (87%)

Blue (89%)

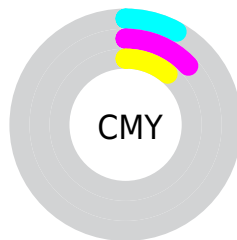


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5138, 75.9836, 83.4120 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 74.5138, 75.9836, 83.4120 by changing the saturation by 10% instead.

74.5138, 75.9836,
83.4120

74.5138, 75.9836,
83.4120

465.2677,
481.2916, 526.3655

55.5074, 56.4191,
61.9875

124.6155,
127.7037, 140.0067

40.0436, 40.5390,
44.5869

156.4415,
160.6281, 176.0141

27.7569, 27.9591,
30.7916

193.2715,
198.7745, 217.7194

18.2820, 18.2948,
20.1831

235.4707,
242.5274, 265.5413

11.2536, 11.1618,
12.3428

283.4046,
292.2712, 319.8984

6.3062, 6.1758,
6.8522

337.4385,

3.0746, 2.9523,

348.3902, 381.2091

3.2928

397.9378,
411.2689, 449.8919

■ 1.1933, 1.1069,
1.2460

■ 0.1011, 0.0000,
0.0169

■ 74.5138, 75.9836,
83.4120

■ 74.5138, 75.9836,
83.4120

■ 66.6006, 63.4619,
70.5839

■ 83.4997, 90.3334,
97.5710

■ 59.7126, 52.6851,
59.0422

■ 88.0715, 96.4024,
108.5734

■ 53.8085, 43.5779,
48.7474

■ 48.8415, 36.0559,
39.6555

■ 44.7608, 30.0272,
31.7203

■ 41.5106, 25.3903,
24.8919

■ 39.0284, 22.0310,
19.1165

■ 37.2423, 19.8166,
14.3350

■ 36.0648, 18.5846,
10.4803

Harmonies

Analogous

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



74.0835, 75.9836, 86.6293



74.5138, 75.9836, 83.4120



74.3241, 75.9836, 80.0977

Triad

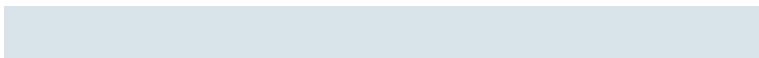
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5138, 75.9836, 83.4120



71.2939, 75.9836, 76.9075



70.8888, 75.9836, 88.1380

Complementary

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



74.5138, 75.9836, 83.4120



74.5665, 80.8762, 87.2861

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.



70.1562, 75.9836, 85.4260



74.5138, 75.9836, 83.4120



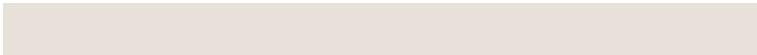
70.3883, 75.9836, 78.9557

Square

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



74.5138, 75.9836, 83.4120



72.4568, 75.9836, 76.4014



69.9740, 75.9836, 82.0581



71.9840, 75.9836, 89.4055

Rectangle

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



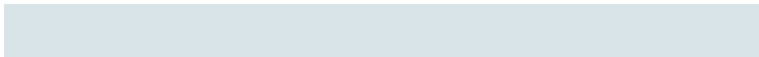
74.5138, 75.9836, 83.4120



73.8726, 75.9836, 78.2713



69.9740, 75.9836, 82.0581



70.5924, 75.9836, 87.3615

Sweetspot

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



74.5160, 75.9869, 83.4136



92.9017, 96.5719, 105.5063



74.3407, 75.7660, 89.3045



19.9073, 20.7063, 22.6184



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

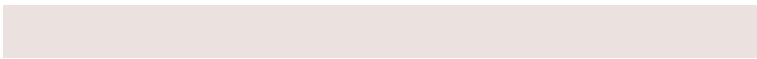
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5160, 75.9869, 83.4136



88.7622, 89.9838, 98.9137



74.5080, 76.8435, 80.7213



15.7695, 15.9249, 17.5206



19.8916, 10.1593, 5.2304



1.6051, 0.8150, 0.6380

Inverse Universe

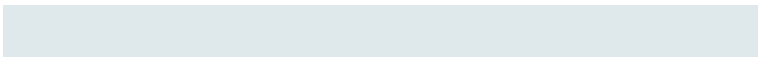
The Inverse Universe completely reimagines the original color for something new.



74.5160, 75.9869, 83.4136



88.7622, 89.9838, 98.9137



74.5683, 79.9662, 90.1033



15.7695, 15.9249, 17.5206



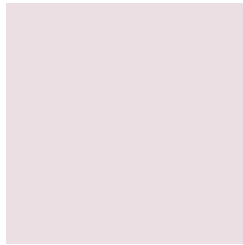
19.8916, 10.1593, 5.2304



1.6051, 0.8150, 0.6380

Previews

White Background



This preview shows how the XYZ color 74.5138, 75.9836, 83.4120 looks on a white background.

Color Contrast Check

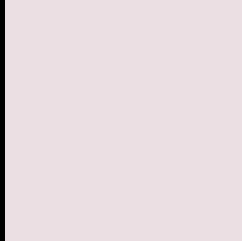
Large Text (above 18pt) WCAG AA × Fail

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 74.5138, 75.9836, 83.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

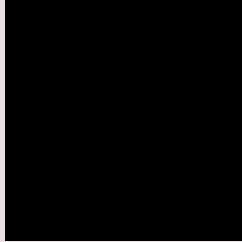
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

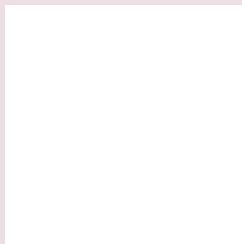
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5138, 75.9836, 83.4120

Background



This preview shows how black text looks on a background with the XYZ color 74.5138, 75.9836, 83.4120.

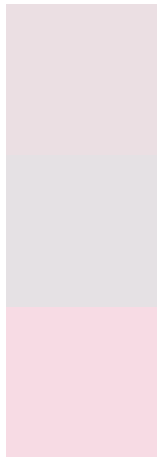


This preview shows how white text looks on a background with the XYZ color 74.5138, 75.9836,

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

74.5138, 75.9836, 83.4120

Protanopia

73.2419, 76.1099, 84.2292

Deuteranopia

77.6929, 76.0386, 83.9809



Tritanopia

76.3615, 75.9494, 92.2964

Trichromacy



Original Color

74.5138, 75.9836, 83.4120

Protanomaly

73.6142, 75.9017, 84.1694

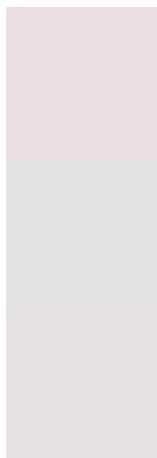
Deuteranomaly

76.5589, 75.8425, 84.0028

Tritanomaly

75.7087, 76.0736, 89.2907

Monochromacy



Original Color

74.5138, 75.9836, 83.4120

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6946, 76.7618, 83.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5138, 75.9836, 83.4120 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, 223, 227) looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 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(235, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.5138, 75.9836, 83.4120 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, 223, 227) }
```


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

```
.border{ border-color:rgb(235, 223, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5138, 75.9836, 83.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 227) }
```

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

```
.background{ background-color: rgb(235,  
223, 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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