

Converting Colors

XYZ(74.7877, 75.3222, 83.9995)

Have a look what the booklet for
XYZ(74.7877, 75.3222, 83.9995)
contains.

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Color

**XYZ(74.7851, 75.3189,
83.9952)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDDE4
RGB	237, 221, 228
RGB Percent	93%, 87%, 89%
CMY	0.0706, 0.1333, 0.1059
CMYK	0.00, 0.07, 0.04, 0.07
HSL	334°, 31%, 90%
HSV	334°, 7%, 93%
XYZ	74.7851, 75.3189, 83.9952
YIQ	226.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

Format	Color
RYB	237, 221, 228
Decimal	15588836
CIELab	89.54, 6.67, -1.46
CIELCh	90, 6.830, 347.683
Yxy	75.3189, 0.3195, 0.3217
Android (android.graphics.Color)	4293778916 (0xFFEDDDE4)
YUV	226.5820, 0.6991, 9.1366
Hunter-Lab	86.7865, 1.9396, 3.3674

Details

The XYZ color **74.7851, 75.3189, 83.9952** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3888, 81.6556, 86.7073**, and the grayscale version is **72.7034, 76.4896, 83.2972**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2351, 40.1133, 45.1572** is the 20% darker color. If you saturate the color by 10%, you get **67.1842, 62.9654, 72.6783**, and if you desaturate by 10%, it is **83.4164, 89.5027, 96.3618**.

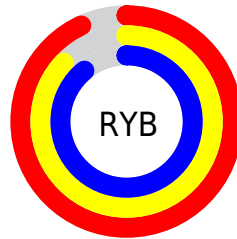
Distribution



Red (93%)

Green (87%)

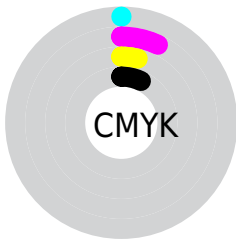
Blue (89%)



Red (93%)

Yellow (87%)

Blue (89%)

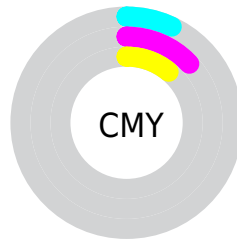


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7851, 75.3189, 83.9952 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 74.7851, 75.3189, 83.9952 by changing the saturation by 10% instead.

74.7851, 75.3189,
83.9952

74.7851, 75.3189,
83.9952

466.1872,
479.0130, 528.3549

55.7304, 55.8742,
62.4661

124.9977,
126.7637, 140.8301

40.2230, 40.1021,
44.9712

156.8862,
159.5325, 176.9730

27.8974, 27.6181,
31.0920

193.7835,
197.5115, 218.8243

18.3884, 18.0380,
20.4098

236.0547,
241.0851, 266.8025

11.3306, 10.9773,
12.5063

284.0654,
290.6377, 321.3261

6.3586, 6.0516,
6.9628

338.1808,

3.1070, 2.8765,

346.5535, 382.8137

3.3607

398.7662,
409.2172, 451.6838

■ 1.2106, 1.0676,
1.2816

■ 0.1147, 0.0000,
0.0467

■ 74.7851, 75.3189,
83.9952

■ 74.7851, 75.3189,
83.9952

■ 67.1842, 62.9654,
72.6783

■ 83.4164, 89.5027,
96.3618

■ 60.5672, 52.3573,
62.3772

■ 88.6825, 96.7236,
108.3256

■ 54.8936, 43.4180,
53.0629

■ 88.7355, 96.7447,
108.6045

■ 50.1174, 36.0609,
44.7031

■ 46.1887, 30.1919,
37.2634

■ 43.0522, 25.7065,
30.7071

■ 40.6459, 22.4868,
24.9941

■ 38.8972, 20.3944,
20.0801

■ 37.7153, 19.2545,
15.9132

Harmonies

Analogous

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



73.9993, 75.3189, 88.3850



74.7851, 75.3189, 83.9952



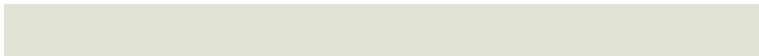
74.7047, 75.3189, 79.2362

Triad

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



74.7851, 75.3189, 83.9952



70.6133, 75.3189, 73.5219



69.4394, 75.3189, 89.0293

Complementary

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



74.7851, 75.3189, 83.9952



74.3888, 81.6556, 86.7073

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.



68.5599, 75.3189, 84.8467



74.7851, 75.3189, 83.9952



69.2304, 75.3189, 75.9481

Square

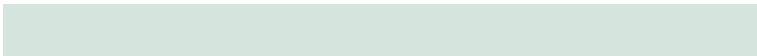
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



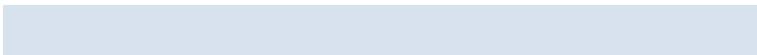
74.7851, 75.3189, 83.9952



72.2784, 75.3189, 73.3140



68.4840, 75.3189, 80.0553



70.9027, 75.3189, 91.3666

Rectangle

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



74.7851, 75.3189, 83.9952



74.1707, 75.3189, 76.4928



68.4840, 75.3189, 80.0553



69.0667, 75.3189, 87.7852

Sweetspot

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



74.7872, 75.3222, 83.9968



92.9859, 96.6056, 105.9498



73.7142, 74.6209, 90.6399



19.9245, 20.7131, 22.7087



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.



74.7872, 75.3222, 83.9968



87.0906, 86.9505, 97.4010



74.0470, 75.3648, 79.0547



15.3391, 15.1635, 17.0709



20.4858, 10.3970, 8.3594



1.6562, 0.8354, 0.9069

Inverse Universe

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



74.7872, 75.3222, 83.9968



87.0906, 86.9505, 97.4010



75.1603, 81.5946, 91.9097



15.3391, 15.1635, 17.0709



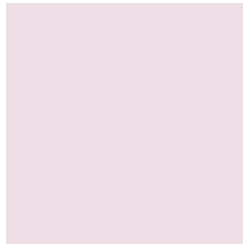
20.4858, 10.3970, 8.3594



1.6562, 0.8354, 0.9069

Previews

White Background



This preview shows how the XYZ color 74.7851, 75.3189, 83.9952 looks on a white background.

Color Contrast Check

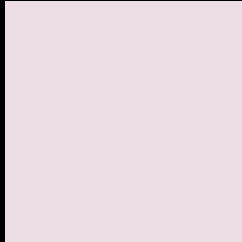
Large Text (above 18pt) WCAG AA × Fail

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 74.7851, 75.3189, 83.9952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

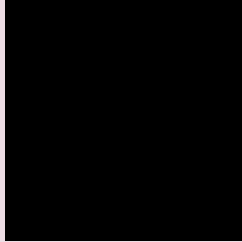
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

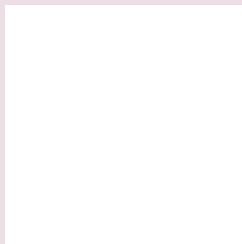
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7851, 75.3189, 83.9952

Background



This preview shows how black text looks on a background with the XYZ color 74.7851, 75.3189, 83.9952.

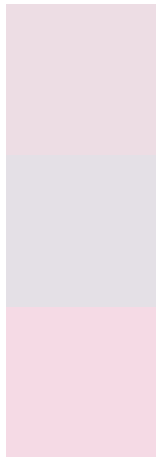


This preview shows how white text looks on a background with the XYZ color 74.7851, 75.3189,

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

74.7851, 75.3189, 83.9952

Protanopia

72.9335, 75.5185, 85.5954

Deuteranopia

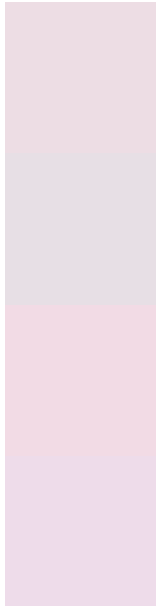
76.8704, 75.2124, 84.5947



Tritanopia

76.1392, 75.4780, 90.6765

Trichromacy



Original Color

74.7851, 75.3189, 83.9952

Protanomaly

73.4855, 75.4214, 84.8134

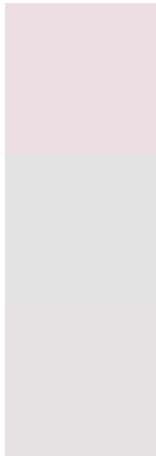
Deuteranomaly

76.0923, 75.1974, 84.6328

Tritanomaly

75.7044, 75.3041, 88.3870

Monochromacy



Original Color

74.7851, 75.3189, 83.9952

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7453, 76.3854, 83.5301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7851, 75.3189, 83.9952 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(237, 221, 228) looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 228)  
}
```

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(237, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.7851, 75.3189, 83.9952 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(237, 221, 228) }
```


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

```
.border{ border-color:rgb(237, 221, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7851, 75.3189, 83.9952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 228) }
```

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

```
.background{ background-color: rgb(237,  
221, 228) }
```

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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