

Converting Colors

XYZ(74.4990, 74.2925, 87.2072)

Have a look what the booklet for
XYZ(74.4990, 74.2925, 87.2072)
contains.

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Color

**XYZ(74.6316, 74.3791,
87.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDBE9
RGB	236, 219, 233
RGB Percent	93%, 86%, 91%
CMY	0.0745, 0.1412, 0.0863
CMYK	0.00, 0.07, 0.01, 0.07
HSL	311°, 31%, 89%
HSV	311°, 7%, 93%
XYZ	74.6316, 74.3791, 87.5139
YIQ	225.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

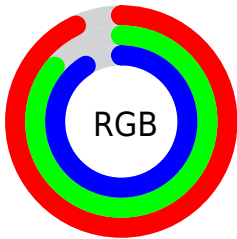
Format	Color
R _Y B	236, 219, 233
Decimal	15522793
CIE Lab	89.10, 8.26, -4.74
CIE LCh	89, 9.523, 330.124
Yxy	74.3791, 0.3155, 0.3145
Android (android.graphics.Color)	4293712873 (0xFFE9DBE9)
YUV	225.6790, 3.6093, 9.0515
Hunter-Lab	86.2433, 3.5411, 0.2068

Details

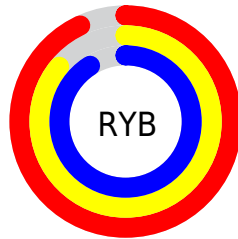
The XYZ color **74.6316, 74.3791, 87.5139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3965, 80.3270, 80.8001**, and the grayscale version is **72.0307, 75.7819, 82.5265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0337, 39.4285, 47.0954** is the 20% darker color. If you saturate the color by 10%, you get **68.3186, 62.6932, 82.5087**, and if you desaturate by 10%, it is **81.8358, 87.8227, 92.8873**.

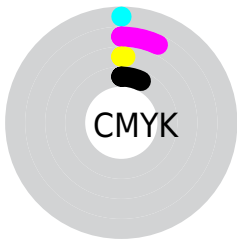
Distribution



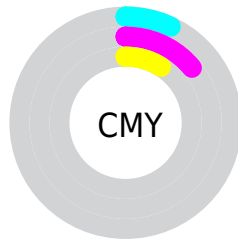
- Red (93%)
- Green (86%)
- Blue (91%)



- Red (93%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6316, 74.3791, 87.5139 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 74.6316, 74.3791, 87.5139 by changing the saturation by 10% instead.


 74.6316, 74.3791,
87.5139

 74.6316, 74.3791,
87.5139


465.6671,
475.7807, 540.2700

 55.6042, 55.1044,
65.3585


124.7814,
125.4331, 145.7854

 40.1215, 39.4853,
47.2987


156.6346,
157.9811, 182.7386

 27.8179, 27.1375,
32.9158


193.4938,
195.7223, 225.4615

 18.3282, 17.6765,
21.7913

235.7244,
239.0412, 274.3726

 11.2870, 10.7180,
13.5068

283.6916,
288.3221, 329.8904

 6.3289, 5.8775,
7.6436

337.7609,

 3.0886, 2.7708,

343.9494, 392.4336

3.7833

398.2976,
406.3075, 462.4206

■ 1.2008, 1.0133,
1.5072

■ 0.1070, 0.0000,
0.2233

■ 74.6316, 74.3791,
87.5139

■ 74.6316, 74.3791,
87.5139

■ 68.3186, 62.6932,
82.5087

■ 81.8358, 87.8227,
92.8873

■ 62.8537, 52.6823,
77.8542

■ 86.2796, 95.7239,
97.4094

■ 58.1998, 44.2714,
73.5384

■ 86.9103, 95.9762,
100.7307

■ 54.3147, 37.3759,
69.5468

■ 87.5554, 96.2343,
104.1276

■ 51.1522, 31.9036,
65.8634

■ 88.2149, 96.4980,
107.6004

■ 48.6608, 27.7521,
62.4707

■ 88.4026, 96.5731,
108.5889

■ 46.7827, 24.8053,
59.3488

■ 45.4494, 22.9270,
56.4745

■ 44.5723, 21.9397,
53.8176

Harmonies

Analogous

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



72.9562, 74.3791, 92.5389



74.6316, 74.3791, 87.5139



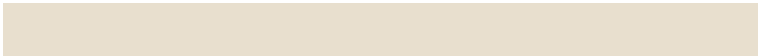
75.2475, 74.3791, 80.9585

Triad

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



74.6316, 74.3791, 87.5139



70.6854, 74.3791, 68.8779



66.9088, 74.3791, 87.5644

Complementary

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



74.6316, 74.3791, 87.5139



72.3965, 80.3270, 80.8001

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.



66.3301, 74.3791, 81.0139



74.6316, 74.3791, 87.5139



68.4812, 74.3791, 70.4374

Square

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



74.6316, 74.3791, 87.5139



72.9391, 74.3791, 70.4122



66.8995, 74.3791, 74.7914



68.4976, 74.3791, 92.5691

Rectangle

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



74.6316, 74.3791, 87.5139



74.9641, 74.3791, 76.6724



66.8995, 74.3791, 74.7914



66.5913, 74.3791, 85.4589

Sweetspot

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



74.6337, 74.3823, 87.5155



93.2999, 96.7312, 107.6033



70.5482, 72.2262, 89.5808



19.9884, 20.7387, 23.0452



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.



74.6337, 74.3823, 87.5155



87.5152, 85.9632, 103.2046



73.4713, 73.9173, 81.3941



15.5941, 15.2655, 18.4136



24.4999, 12.0027, 29.4976



1.9537, 0.9545, 2.4737

Inverse Universe

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



74.6337, 74.3823, 87.5155



87.5152, 85.9632, 103.2046



73.5412, 80.7848, 86.8277



15.5941, 15.2655, 18.4136



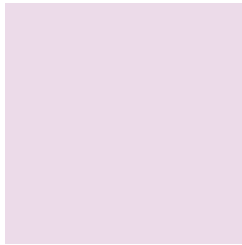
24.4999, 12.0027, 29.4976



1.9537, 0.9545, 2.4737

Previews

White Background



This preview shows how the XYZ color 74.6316, 74.3791, 87.5139 looks on a white background.

Color Contrast Check

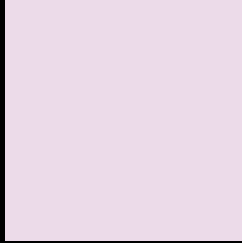
Large Text (above 18pt) WCAG AA × Fail

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 74.6316, 74.3791, 87.5139 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 74.6316, 74.3791, 87.5139

Background



This preview shows how black text looks on a background with the XYZ color 74.6316, 74.3791, 87.5139.

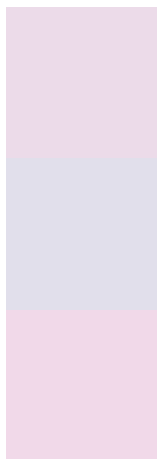


This preview shows how white text looks on a background with the XYZ color 74.6316, 74.3791,

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

74.6316, 74.3791, 87.5139

Protanopia

72.4344, 74.7811, 89.2137

Deuteranopia

75.7965, 74.2097, 87.4198



Tritanopia

75.0639, 74.5520, 89.7906

Trichromacy



Original Color

74.6316, 74.3791, 87.5139

Protanomaly

73.2857, 74.8411, 88.4251

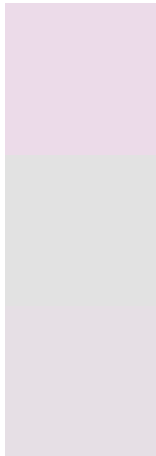
Deuteranomaly

75.3760, 74.3767, 87.4742

Tritanomaly

74.9190, 74.4941, 89.0274

Monochromacy



Original Color

74.6316, 74.3791, 87.5139

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1637, 75.2555, 84.7984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6316, 74.3791, 87.5139 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(236, 219, 233) looks like.

```
.text, #text, p{  
    color:rgb(236, 219, 233)  
}
```

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(236, 219, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 219, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.6316, 74.3791, 87.5139 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(236, 219, 233) }
```


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

```
.border{ border-color:rgb(236, 219, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 219, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 219, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 219, 233);  
box-shadow:4px 4px 4px 4px rgb(236, 219,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6316, 74.3791, 87.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 219, 233) }
```

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

```
.background{ background-color: rgb(236,  
219, 233) }
```

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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