

Converting Colors

XYZ(71.5099, 70.9129, 88.2142)

Have a look what the booklet for
XYZ(71.5099, 70.9129, 88.2142)
contains.

XYZ(71.6751, 70.9143, 88.5074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.6751, 70.9143,
88.5074)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D6EB
RGB	230, 214, 235
RGB Percent	90%, 84%, 92%
CMY	0.0980, 0.1608, 0.0784
CMYK	0.02, 0.09, 0.00, 0.08
HSL	286°, 34%, 88%
HSV	286°, 9%, 92%
XYZ	71.6751, 70.9143, 88.5074
YIQ	221.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

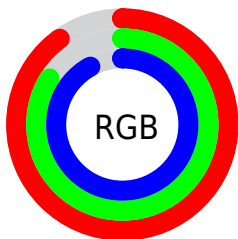
Format	Color
R _Y B	230, 214, 235
Decimal	15128299
CIE Lab	87.44, 9.23, -8.30
CIE LCh	87, 12.415, 318.027
Yxy	70.9143, 0.3102, 0.3069
Android (android.graphics.Color)	4293318379 (0xFFE6D6EB)
YUV	221.1780, 6.8142, 7.7369
Hunter-Lab	84.2106, 4.5600, -3.3678

Details

The XYZ color **71.6751, 70.9143, 88.5074** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0620, 79.3336, 75.1895**, and the grayscale version is **68.8063, 72.3896, 78.8322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9904, 37.0496, 47.7968** is the 20% darker color. If you saturate the color by 10%, you get **64.3850, 58.9566, 86.5846**, and if you desaturate by 10%, it is **79.8850, 84.6238, 90.7220**.

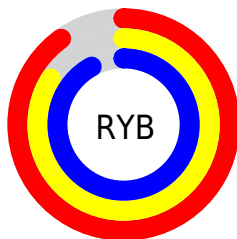
Distribution



Red (90%)

Green (84%)

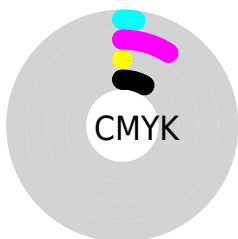
Blue (92%)



Red (90%)

Yellow (84%)

Blue (92%)

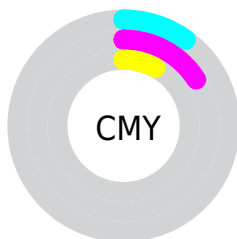


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6751, 70.9143, 88.5074 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 71.6751, 70.9143, 88.5074 by changing the saturation by 10% instead.

71.6751, 70.9143,
88.5074

71.6751, 70.9143,
88.5074

455.5852,
463.7538, 543.6077

53.1778, 52.2723,
66.1766

120.6078,
120.5117, 147.1807

38.1728, 37.2221,
47.9584

151.7739,
152.2358, 184.3603

26.2946, 25.3795,
33.4342

187.8937,
189.0895, 227.3267

17.1780, 16.3600,
22.1854

229.3326,
231.4570, 276.4982

10.4576, 9.7793,
13.7936

276.4558,
279.7228, 332.2936

5.7680, 5.2529,
7.8401

329.6287,

2.7438, 2.3964,

334.2713, 395.1313

3.9065

389.2167,
395.4868, 465.4298

■ 1.0198, 0.8240,
1.5742

■ 0.0000, 0.0000,
0.2723

■ 71.6751, 70.9143,
88.5074

■ 71.6751, 70.9143,
88.5074

■ 64.3850, 58.9566,
86.5846

■ 79.8850, 84.6238,
90.7220

■ 57.9714, 48.6681,
84.9368

■ 87.0974, 96.2531,
92.5865

■ 52.3966, 39.9732,
83.5523

■ 89.0393, 97.2542,
92.6774

■ 47.6176, 32.7868,
82.4171

■ 91.0404, 98.2858,
92.7710

■ 43.5876, 27.0159,
81.5156

■ 91.9956, 98.7782,
92.8157

■ 40.2542, 22.5568,
80.8306

■ 37.5581, 19.2915,
80.3424

■ 35.4290, 17.0805,
80.0279

■ 33.7608, 15.7124,
79.8517

Harmonies

Analogous

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



69.1594, 70.9143, 93.5843



71.6751, 70.9143, 88.5074



73.0612, 70.9143, 80.6072

Triad

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



71.6751, 70.9143, 88.5074



68.5767, 70.9143, 62.4893



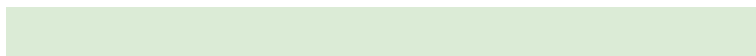
62.1885, 70.9143, 82.3120

Complementary

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



71.6751, 70.9143, 88.5074



71.0620, 79.3336, 75.1895

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.



62.0427, 70.9143, 73.9166



71.6751, 70.9143, 88.5074



65.6745, 70.9143, 62.8729

Square

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



71.6751, 70.9143, 88.5074



71.2379, 70.9143, 65.8351



63.3020, 70.9143, 66.9239



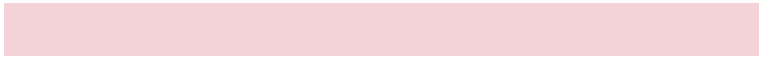
63.7062, 70.9143, 89.8329

Rectangle

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



71.6751, 70.9143, 88.5074



73.1322, 70.9143, 74.9837



63.3020, 70.9143, 66.9239



61.9791, 70.9143, 79.4873

Sweetspot

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



71.6772, 70.9173, 88.5089



91.9909, 94.8719, 108.0714



68.1266, 71.0910, 88.7296



19.5185, 20.0202, 23.0855



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.



71.6772, 70.9173, 88.5089



84.3306, 82.1459, 106.0188



72.5575, 71.4575, 84.6492



15.3439, 15.1226, 19.0325



18.8164, 8.7361, 44.4375



1.5618, 0.7294, 3.4934

Inverse Universe

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



71.0962, 70.8730, 76.9540



83.4935, 82.0901, 89.0075



70.2616, 78.8423, 78.7084



15.2125, 15.1128, 16.4042



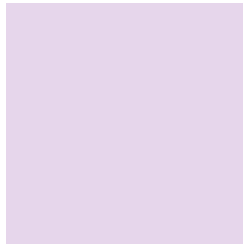
19.5059, 10.0051, 3.1995



1.5683, 0.8003, 0.4442

Previews

White Background



This preview shows how the XYZ color 71.6751, 70.9143, 88.5074 looks on a white background.

Color Contrast Check

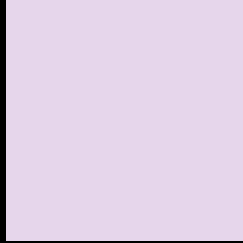
Large Text (above 18pt) WCAG AA × Fail

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 71.6751, 70.9143, 88.5074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

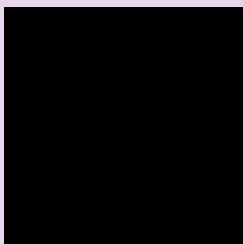
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6751, 70.9143, 88.5074

Background



This preview shows how black text looks on a background with the XYZ color 71.6751, 70.9143, 88.5074.



This preview shows how white text looks on a background with the XYZ color 71.6751, 70.9143,

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

71.6751, 70.9143, 88.5074

Protanopia

69.2709, 71.1627, 90.2056

Deuteranopia

72.3939, 70.9103, 88.4687



Tritanopia

71.0373, 71.0284, 85.5671

Trichromacy



Original Color

71.6751, 70.9143, 88.5074

Protanomaly

70.0774, 71.2114, 89.4086

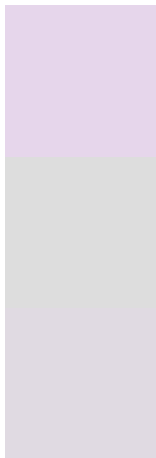
Deuteranomaly

72.0684, 70.7425, 88.4535

Tritanomaly

71.1790, 71.0851, 86.3132

Monochromacy



Original Color

71.6751, 70.9143, 88.5074

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5393, 71.4811, 82.0836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6751, 70.9143, 88.5074 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(230, 214, 235) looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 235)  
}
```

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(230, 214, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 235) }
```

Border

The CSS property to change the border of an element to XYZ 71.6751, 70.9143, 88.5074 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(230, 214, 235) }
```


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

```
.border{ border-color:rgb(230, 214, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6751, 70.9143, 88.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 235) }
```

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

```
.background{ background-color: rgb(230,  
214, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor