

Converting Colors

XYZ(73.8239, 71.8326, 88.2504)

Have a look what the booklet for
XYZ(73.8239, 71.8326, 88.2504)
contains.

XYZ(73.7147, 71.5912, 88.5306)	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(73.7147, 71.5912,
88.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD5EB
RGB	237, 213, 235
RGB Percent	93%, 84%, 92%
CMY	0.0706, 0.1647, 0.0784
CMYK	0.00, 0.10, 0.01, 0.07
HSL	305°, 40%, 88%
HSV	305°, 10%, 93%
XYZ	73.7147, 71.5912, 88.5306
YIQ	222.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

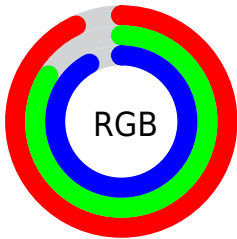
Format	Color
R _Y B	237, 213, 235
Decimal	15586795
CIE Lab	87.77, 12.09, -7.75
CIE LCh	88, 14.365, 327.332
Yxy	71.5912, 0.3152, 0.3062
Android (android.graphics.Color)	4293776875 (0xFFEDD5EB)
YUV	222.6840, 6.0718, 12.5551
Hunter-Lab	84.6116, 7.4412, -2.8081

Details

The XYZ color **73.7147, 71.5912, 88.5306** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9932, 79.6228, 75.9734**, and the grayscale version is **69.8716, 73.5103, 80.0527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4196, 37.5322, 47.8146** is the 20% darker color. If you saturate the color by 10%, you get **67.9006, 60.4162, 85.1931**, and if you desaturate by 10%, it is **80.4073, 84.5159, 92.1783**.

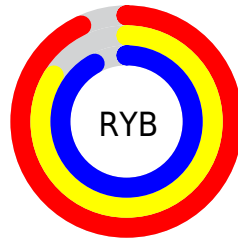
Distribution



Red (93%)

Green (84%)

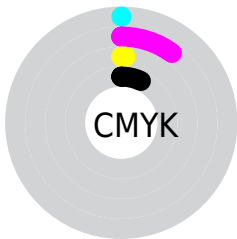
Blue (92%)



Red (93%)

Yellow (84%)

Blue (92%)

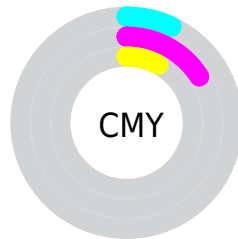


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7147, 71.5912, 88.5306 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 73.7147, 71.5912, 88.5306 by changing the saturation by 10% instead.

73.7147, 71.5912,
88.5306

73.7147, 71.5912,
88.5306

462.5536,
466.1175, 543.6855

54.8510, 52.8248,
66.1958

123.4890,
121.4751, 147.2133

39.5158, 37.6629,
47.9738

155.1303,
153.3615, 184.3982

27.3438, 25.7212,
33.4463

191.7615,
190.3899, 227.3702

17.9695, 16.6152,
22.1947

233.7479,
232.9449, 276.5478

11.0276, 9.9605,
13.8003

281.4550,
281.4107, 332.3496

6.1529, 5.3728,
7.8448

335.2481,

2.9798, 2.4676,

336.1718, 395.1942

3.9094

395.4925,
397.6126, 465.4999

■ 1.1431, 0.8603,
1.5758

■ 0.0607, 0.0000,
0.2735

■ 73.7147, 71.5912,
88.5306

■ 73.7147, 71.5912,
88.5306

■ 67.9006, 60.4162,
85.1931

■ 80.4073, 84.5159,
92.1783

■ 62.9211, 50.9063,
82.1485

■ 86.2585, 95.7539,
95.5604

■ 58.7378, 42.9839,
79.3848

■ 86.5519, 95.8713,
97.1056

■ 55.3071, 36.5615,
76.8875

■ 86.8485, 95.9900,
98.6677

52.5809, 31.5433,
74.6405

87.1484, 96.1099,
100.2466

50.5058, 27.8222,
72.6259

87.4515, 96.2311,
101.8426

49.0206, 25.2759,
70.8232

87.7578, 96.3537,
103.4555

48.0524, 23.7587,
69.2082

88.0673, 96.4775,
105.0855

47.4822, 23.0274,
67.7570

88.3801, 96.6026,
106.7326

Harmonies

Analogous

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



71.1000, 71.5912, 95.8481



73.7147, 71.5912, 88.5306



74.8064, 71.5912, 78.8278

Triad

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



73.7147, 71.5912, 88.5306



68.3509, 71.5912, 60.6594



62.3859, 71.5912, 86.8932

Complementary

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



73.7147, 71.5912, 88.5306



69.9932, 79.6228, 75.9734

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.



61.7043, 71.5912, 77.0801



73.7147, 71.5912, 88.5306



65.0793, 71.5912, 62.4326

Square

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



73.7147, 71.5912, 88.5306



71.6456, 71.5912, 63.1892



62.6743, 71.5912, 68.2491



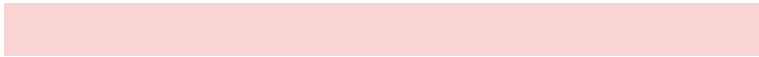
64.5676, 71.5912, 94.8486

Rectangle

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



73.7147, 71.5912, 88.5306



74.4973, 71.5912, 72.4898



62.6743, 71.5912, 68.2491



61.9770, 71.5912, 83.6790

Sweetspot

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



73.7168, 71.5943, 88.5321



92.5554, 95.1748, 107.5629



67.1078, 68.1537, 89.7399



19.6715, 20.1023, 22.9476



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.



73.7168, 71.5943, 88.5321



85.6453, 81.8434, 103.7528



72.0410, 70.9240, 79.7075



15.6575, 15.2909, 18.7477



25.9470, 12.5815, 37.1180



2.0535, 0.9944, 2.9990

Inverse Universe

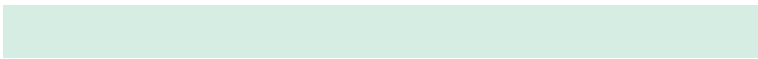
The Inverse Universe completely reimagines the original color for something new.



73.7168, 71.5943, 88.5321



85.6453, 81.8434, 103.7528



71.5924, 80.2624, 84.3942



15.6575, 15.2909, 18.7477



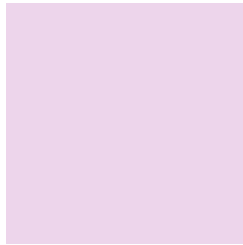
25.9470, 12.5815, 37.1180



2.0535, 0.9944, 2.9990

Previews

White Background



This preview shows how the XYZ color 73.7147, 71.5912, 88.5306 looks on a white background.

Color Contrast Check

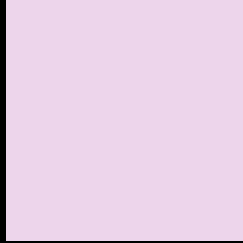
Large Text (above 18pt) WCAG AA × Fail

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 73.7147, 71.5912, 88.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

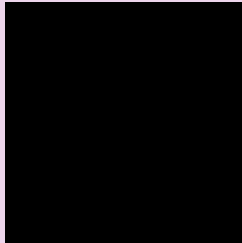
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7147, 71.5912, 88.5306

Background



This preview shows how black text looks on a background with the XYZ color 73.7147, 71.5912, 88.5306.



This preview shows how white text looks on a background with the XYZ color 73.7147, 71.5912,

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

73.7147, 71.5912, 88.5306

Protanopia

70.1249, 71.9551, 91.8541

Deuteranopia

73.3029, 71.7535, 88.5836



Tritanopia

73.0624, 71.6955, 85.5891

Trichromacy



Original Color

73.7147, 71.5912, 88.5306

Protanomaly

71.6095, 71.9675, 91.0058

Deuteranomaly

73.6340, 71.9242, 88.5991

Tritanomaly

73.2041, 71.7522, 86.3352

Monochromacy



Original Color

73.7147, 71.5912, 88.5306

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.1916, 72.7031, 82.9539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7147, 71.5912, 88.5306 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, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 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(237, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.7147, 71.5912, 88.5306 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, 213, 235) }
```


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

```
.border{ border-color:rgb(237, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 213, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 213, 235); box-shadow:4px 4px 4px 4px rgb(237, 213, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7147, 71.5912, 88.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 235) }
```

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

```
.background{ background-color: rgb(237,  
213, 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