

Converting Colors

XYZ(74.5806, 73.1176, 91.0712)

Have a look what the booklet for
XYZ(74.5806, 73.1176, 91.0712)
contains.

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Color

**XYZ(74.5806, 73.1176,
91.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD8EE
RGB	236, 216, 238
RGB Percent	93%, 85%, 93%
CMY	0.0745, 0.1529, 0.0667
CMYK	0.01, 0.09, 0.00, 0.07
HSL	295°, 39%, 89%
HSV	295°, 9%, 93%
XYZ	74.5806, 73.1176, 91.0712
YIQ	224.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

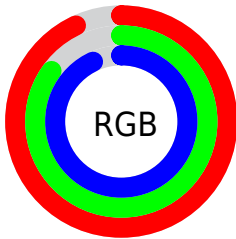
Format	Color
R _Y B	236, 216, 238
Decimal	15522030
CIE Lab	88.50, 10.73, -8.26
CIE LCh	89, 13.539, 322.405
Yxy	73.1176, 0.3124, 0.3062
Android (android.graphics.Color)	4293712110 (0xFFECD8EE)
YUV	224.4880, 6.6614, 10.0960
Hunter-Lab	85.5088, 6.0468, -3.2906

Details

The XYZ color **74.5806, 73.1176, 91.0712** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8852, 81.0142, 76.8179**, and the grayscale version is **71.1538, 74.8594, 81.5218**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0108, 38.5704, 49.5920** is the 20% darker color. If you saturate the color by 10%, you get **68.2062, 61.4276, 89.1519**, and if you desaturate by 10%, it is **81.8511, 86.5846, 93.2885**.

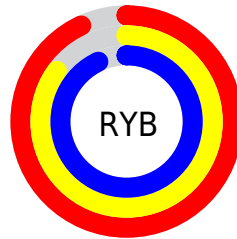
Distribution



Red (93%)

Green (85%)

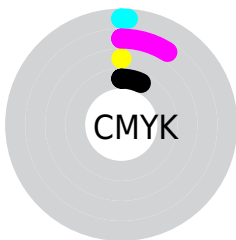
Blue (93%)



Red (93%)

Yellow (85%)

Blue (93%)

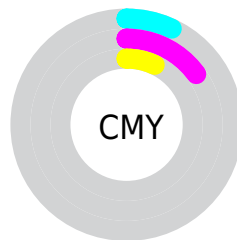


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5806, 73.1176, 91.0712 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 74.5806, 73.1176, 91.0712 by changing the saturation by 10% instead.


 74.5806, 73.1176,
91.0712

 74.5806, 73.1176,
91.0712


465.4942,
471.4223, 552.1691

 55.5623, 54.0721,
68.2907


124.7096,
123.6441, 150.7739

 40.0877, 38.6593,
49.6661


156.5510,
155.8940, 188.5333

 27.7915, 26.4948,
34.7789


193.3976,
193.3141, 232.1227

 18.3082, 17.1942,
23.2104

235.6146,
236.2889, 281.9606

 11.2725, 10.3730,
14.5422

283.5674,
285.2027, 338.4657

 6.3191, 5.6470,
8.3557

337.6213,

 3.0825, 2.6316,

340.4399, 402.0564

4.2323

398.1418,
402.3850, 473.1514

■ 1.1976, 0.9426,
1.7537

■ 0.1044, 0.0000,
0.3971

■ 74.5806, 73.1176,
91.0712

■ 74.5806, 73.1176,
91.0712

■ 68.2062, 61.4276,
89.1519

■ 81.8511, 86.5846,
93.2885

■ 62.6836, 51.4296,
87.5131

■ 87.2398, 96.2760,
94.8751

■ 57.9745, 43.0456,
86.1431

■ 87.9800, 96.6576,
94.9098

■ 54.0349, 36.1880,
85.0270

■ 88.7291, 97.0438,
94.9448

50.8168, 30.7606,
84.1490

89.4870, 97.4345,
94.9803

48.2667, 26.6564,
83.4913

90.2537, 97.8297,
95.0162

46.3235, 23.7535,
83.0334

91.0293, 98.2296,
95.0525

44.9149, 21.9071,
82.7512

91.8138, 98.6340,
95.0892

43.9282, 20.8921,
82.6073

92.4328, 98.9531,
95.1181

Harmonies

Analogous

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



71.9121, 73.1176, 97.3842



74.5806, 73.1176, 91.0712



75.8946, 73.1176, 82.0082

Triad

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



74.5806, 73.1176, 91.0712



70.3276, 73.1176, 63.1151



63.8621, 73.1176, 86.6511

Complementary

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



74.5806, 73.1176, 91.0712



71.8852, 81.0142, 76.8179

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.



63.4677, 73.1176, 77.2642



74.5806, 73.1176, 91.0712



67.1348, 73.1176, 64.1464

Square

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



74.5806, 73.1176, 91.0712



73.3897, 73.1176, 66.2222



64.6481, 73.1176, 69.1579



65.7427, 73.1176, 94.6964

Rectangle

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



74.5806, 73.1176, 91.0712



75.7978, 73.1176, 75.8190



64.6481, 73.1176, 69.1579



63.5537, 73.1176, 83.5307

Sweetspot

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



74.5827, 73.1208, 91.0728



92.4025, 95.0841, 108.0907



68.8779, 71.0220, 90.9684



19.6300, 20.0777, 23.0907



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.



74.5827, 73.1208, 91.0728



85.8135, 82.9104, 106.0882



73.9888, 72.9603, 84.4605



16.3043, 15.9541, 19.9417



24.5272, 11.6496, 46.0837



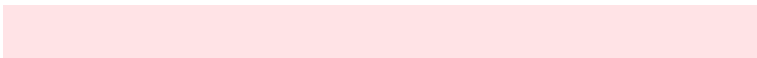
2.0815, 0.9903, 3.8357

Inverse Universe

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



72.4731, 72.3540, 76.4789



82.9082, 81.8559, 85.9252



72.4592, 81.1752, 82.9432



15.8311, 15.7822, 16.6670



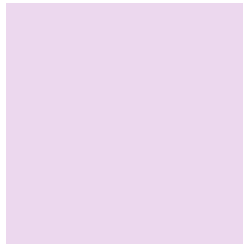
19.7702, 10.1805, 1.4407



1.6644, 0.8548, 0.2237

Previews

White Background



This preview shows how the XYZ color 74.5806, 73.1176, 91.0712 looks on a white background.

Color Contrast Check

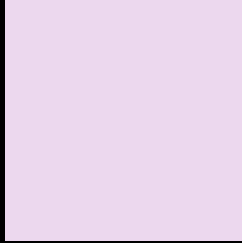
Large Text (above 18pt) WCAG AA × Fail

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 74.5806, 73.1176, 91.0712 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 74.5806, 73.1176, 91.0712

Background



This preview shows how black text looks on a background with the XYZ color 74.5806, 73.1176, 91.0712.



This preview shows how white text looks on a background with the XYZ color 74.5806, 73.1176,

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

74.5806, 73.1176, 91.0712

Protanopia

71.5524, 73.4359, 93.6224

Deuteranopia

74.9135, 73.2893, 91.0868



Tritanopia

73.9251, 73.2284, 88.0801

Trichromacy



Original Color

74.5806, 73.1176, 91.0712

Protanomaly

72.4237, 73.1231, 92.7351

Deuteranomaly

74.9135, 73.2893, 91.0868

Tritanomaly

74.0692, 73.2860, 88.8390

Monochromacy



Original Color

74.5806, 73.1176, 91.0712

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.9942, 73.8640, 84.5914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5806, 73.1176, 91.0712 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, 216, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 216, 238)  
}
```

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, 216, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 216, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.5806, 73.1176, 91.0712 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, 216, 238) }
```


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

```
.border{ border-color:rgb(236, 216, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 216, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 216, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 216, 238); box-shadow:4px 4px 4px 4px rgb(236, 216, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5806, 73.1176, 91.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 216, 238) }
```

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

```
.background{ background-color: rgb(236,  
216, 238) }
```

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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