

Converting Colors

XYZ(74.1131, 72.3112, 86.1386)

Have a look what the booklet for
XYZ(74.1131, 72.3112, 86.1386)
contains.

XYZ(74.2087, 72.2701, 86.3822)	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(74.2087, 72.2701,
86.3822)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD6E8
RGB	239, 214, 232
RGB Percent	94%, 84%, 91%
CMY	0.0627, 0.1608, 0.0902
CMYK	0.00, 0.10, 0.03, 0.06
HSL	317°, 44%, 89%
HSV	317°, 10%, 94%
XYZ	74.2087, 72.2701, 86.3822
YIQ	223.5270, 9.1220, 10.8980

Conversions

Conversions Part 2

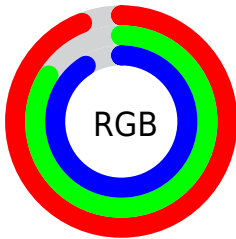
Format	Color
R _Y B	239, 214, 232
Decimal	15718120
CIE Lab	88.10, 11.71, -5.67
CIE LCh	88, 13.007, 334.168
Yxy	72.2701, 0.3187, 0.3104
Android (android.graphics.Color)	4293908200 (0xFFEFD6E8)
YUV	223.5270, 4.1772, 13.5698
Hunter-Lab	85.0118, 7.0459, -0.7375

Details

The XYZ color **74.2087, 72.2701, 86.3822** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6521, 81.2516, 80.3173**, and the grayscale version is **70.4826, 74.1531, 80.7528**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7630, 37.9981, 46.3129** is the 20% darker color. If you saturate the color by 10%, you get **67.6661, 60.6767, 79.6001**, and if you desaturate by 10%, it is **81.6791, 85.6592, 93.6540**.

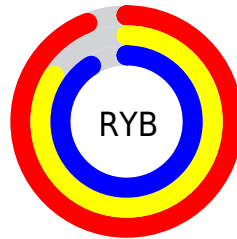
Distribution



Red (94%)

Green (84%)

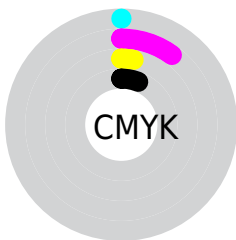
Blue (91%)



Red (94%)

Yellow (84%)

Blue (91%)

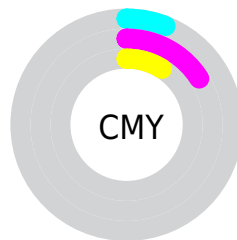


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2087, 72.2701, 86.3822 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 74.2087, 72.2701, 86.3822 by changing the saturation by 10% instead.

74.2087, 72.2701,
86.3822

74.2087, 72.2701,
86.3822

464.2325,
468.4812, 536.4540

55.2568, 53.3793,
64.4274

124.1855,
122.4405, 144.1940

39.8420, 38.1057,
46.5485

155.9411,
154.4889, 180.8880

27.5990, 26.0647,
32.3271

192.6953,
191.6919, 223.3322

18.1625, 16.8721,
21.3446

234.8134,
234.4341, 271.9450

11.1671, 10.1433,
13.1824

282.6609,
283.0997, 327.1451

6.2475, 5.4941,
7.4221

336.6030,

3.0382, 2.5400,

338.0731, 389.3509

3.6450

397.0051,
399.7388, 458.9810

■ 1.1740, 0.8966,
1.4327

■ 0.0857, 0.0000,
0.1670

■ 74.2087, 72.2701,
86.3822

■ 74.2087, 72.2701,
86.3822

■ 67.6661, 60.6767,
79.6001

■ 81.6791, 85.6592,
93.6540

■ 62.0062, 50.7923,
73.2881

■ 87.8978, 96.4873,
100.6882

■ 57.1894, 42.5374,
67.4318

■ 88.9407, 96.9044,
106.1797

■ 53.1704, 35.8223,
62.0142

■ 89.4071, 97.0910,
108.6359

■ 49.8997, 30.5484,
57.0166

■ 47.3222, 26.6061,
52.4186

■ 45.3745, 23.8695,
48.1970

■ 43.9813, 22.1887,
44.3243

■ 43.0501, 21.3322,
40.9129

Harmonies

Analogous

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



72.1003, 72.2701, 93.7105



74.2087, 72.2701, 86.3822



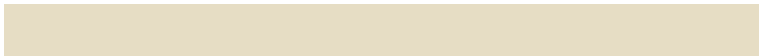
74.8222, 72.2701, 77.4530

Triad

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



74.2087, 72.2701, 86.3822



68.2573, 72.2701, 62.8308



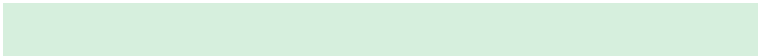
63.8657, 72.2701, 88.6943

Complementary

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



74.2087, 72.2701, 86.3822



71.6521, 81.2516, 80.3173

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.



62.9034, 72.2701, 79.9398



74.2087, 72.2701, 86.3822



65.3900, 72.2701, 65.3667

Square

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



74.2087, 72.2701, 86.3822



71.3265, 72.2701, 64.2741



63.4530, 72.2701, 71.4683



66.1204, 72.2701, 95.1144

Rectangle

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



74.2087, 72.2701, 86.3822



74.2859, 72.2701, 71.8915



63.4530, 72.2701, 71.4683



63.3835, 72.2701, 85.9038

Sweetspot

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



74.2108, 72.2732, 86.3838



92.3148, 95.0786, 106.2961



69.3470, 69.6487, 91.4511



19.6063, 20.0762, 22.6047



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.



74.2108, 72.2732, 86.3838



83.9125, 80.0593, 97.9910



72.5419, 71.6057, 77.5956



16.2545, 15.9515, 18.8962



23.8488, 11.8120, 22.9183



2.0261, 0.9995, 2.1285

Inverse Universe

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



74.2108, 72.2732, 86.3838



83.9125, 80.0593, 97.9910



73.3323, 81.9237, 89.1654



16.2545, 15.9515, 18.8962



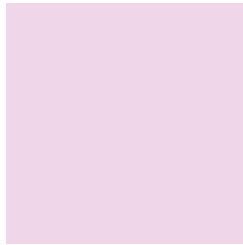
23.8488, 11.8120, 22.9183



2.0261, 0.9995, 2.1285

Previews

White Background



This preview shows how the XYZ color 74.2087, 72.2701, 86.3822 looks on a white background.

Color Contrast Check

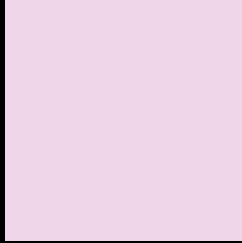
Large Text (above 18pt) WCAG AA × Fail

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 74.2087, 72.2701, 86.3822 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 74.2087, 72.2701, 86.3822

Background



This preview shows how black text looks on a background with the XYZ color 74.2087, 72.2701, 86.3822.



This preview shows how white text looks on a background with the XYZ color 74.2087, 72.2701,

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

74.2087, 72.2701, 86.3822

Protanopia

70.4074, 72.5567, 88.8912

Deuteranopia

74.1258, 72.6042, 86.4511



Tritanopia

74.0670, 72.2134, 85.6361

Trichromacy



Original Color

74.2087, 72.2701, 86.3822

Protanomaly

71.9176, 72.5773, 88.0603

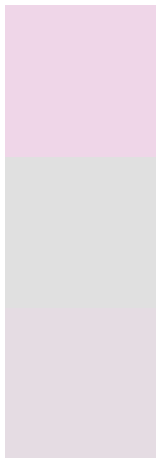
Deuteranomaly

74.1258, 72.6042, 86.4511

Tritanomaly

74.0670, 72.2134, 85.6361

Monochromacy



Original Color

74.2087, 72.2701, 86.3822

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.7714, 73.3905, 83.0561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2087, 72.2701, 86.3822 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(239, 214, 232) looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 232)  
}
```

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(239, 214, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.2087, 72.2701, 86.3822 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(239, 214, 232) }
```


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

```
.border{ border-color:rgb(239, 214, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 232);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2087, 72.2701, 86.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 232) }
```

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

```
.background{ background-color: rgb(239,  
214, 232) }
```

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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