

Converting Colors

XYZ(70.9375, 67.6042, 91.4827)

Have a look what the booklet for XYZ(70.9375, 67.6042, 91.4827) contains.

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Color

**XYZ(71.0782, 67.5897,
91.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CEF0
RGB	232, 206, 240
RGB Percent	91%, 81%, 94%
CMY	0.0902, 0.1921, 0.0588
CMYK	0.03, 0.14, 0.00, 0.06
HSL	286°, 53%, 87%
HSV	286°, 14%, 94%
XYZ	71.0782, 67.5897, 91.7380
YIQ	217.6500, 4.5820, 16.0860

Conversions

Conversions Part 2

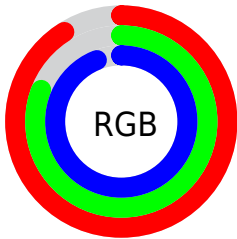
Format	Color
R _Y B	232, 206, 240
Decimal	15257328
CIE Lab	85.80, 15.04, -13.38
CIE LCh	86, 20.132, 318.351
Yxy	67.5897, 0.3085, 0.2934
Android (android.graphics.Color)	4293447408 (0xFFE8CEF0)
YUV	217.6500, 11.0186, 12.5850
Hunter-Lab	82.2130, 10.4517, -8.6102

Details

The XYZ color **71.0782, 67.5897, 91.7380** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0347, 81.0743, 70.3536**, and the grayscale version is **66.3257, 69.7798, 75.9902**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7845, 35.1473, 50.1400** is the 20% darker color. If you saturate the color by 10%, you get **63.9326, 55.9754, 89.8739**, and if you desaturate by 10%, it is **79.1689, 81.0045, 93.9019**.

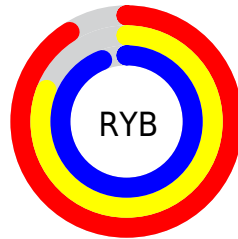
Distribution



Red (91%)

Green (81%)

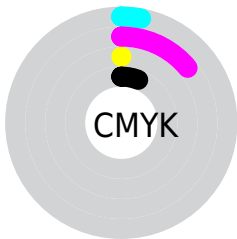
Blue (94%)



Red (91%)

Yellow (81%)

Blue (94%)

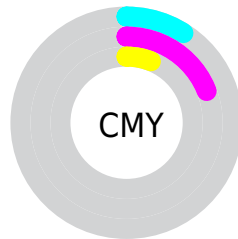


Cyan (3%)

Magenta (14%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0782, 67.5897, 91.7380 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 71.0782, 67.5897, 91.7380 by changing the saturation by 10% instead.

71.0782, 67.5897,
91.7380

71.0782, 67.5897,
91.7380

453.5343,
452.0409, 554.3837

52.6888, 49.5640,
68.8412

119.7630,
115.7650, 151.7068

37.7809, 35.0671,
50.1115

150.7890,
146.6834, 189.6158

25.9891, 23.7146,
35.1302

186.7580,
182.6681, 233.3660

16.9481, 15.1220,
23.4788

228.0353,
224.1036, 283.3760

10.2926, 8.9051,
14.7388

274.9862,
271.3742, 340.0642

5.6571, 4.6793,
8.4917

327.9761,

2.6764, 2.0604,

324.8644, 403.8492

4.3189

387.3704,
384.9585, 475.1495

■ 0.9850, 0.6422,
1.8019

■ 0.0000, 0.0000,
0.4292

■ 71.0782, 67.5897,
91.7380

■ 71.0782, 67.5897,
91.7380

■ 63.9326, 55.9754,
89.8739

■ 79.1689, 81.0045,
93.9019

■ 57.6857, 46.0729,
88.2917

■ 88.2366, 96.2860,
96.3736

■ 52.2959, 37.7989,
86.9788

■ 90.5354, 97.9408,
96.5719

■ 47.7160, 31.0597,
85.9193

■ 92.5783, 98.9940,
96.6675

■ 43.8938, 25.7517,
85.0963

■ 92.7284, 99.0714,
96.6745

■ 40.7707, 21.7587,
84.4901

■ 38.2789, 18.9457,
84.0785

■ 36.3354, 17.1479,
83.8339

■ 35.3823, 16.4233,
83.7443

Harmonies

Analogous

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



67.0662, 67.5897, 100.3407



71.0782, 67.5897, 91.7380



73.2970, 67.5897, 78.8262

Triad

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



71.0782, 67.5897, 91.7380



66.0439, 67.5897, 51.4738



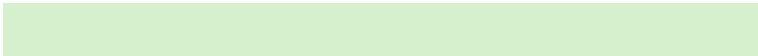
56.2097, 67.5897, 81.8578

Complementary

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



71.0782, 67.5897, 91.7380



70.0347, 81.0743, 70.3536

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.



55.9653, 67.5897, 68.5981



71.0782, 67.5897, 91.7380



61.4982, 67.5897, 52.0799

Square

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



71.0782, 67.5897, 91.7380



70.2991, 67.5897, 56.2468



57.8588, 67.5897, 58.0149



58.5431, 67.5897, 94.1841

Rectangle

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



71.0782, 67.5897, 91.7380



73.3935, 67.5897, 69.9767



57.8588, 67.5897, 58.0149



55.8847, 67.5897, 77.3332

Sweetspot

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



71.0802, 67.5926, 91.7395



91.0044, 93.2115, 107.8029



65.3578, 67.7627, 92.0739



19.3202, 19.6861, 23.0315



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.



71.0802, 67.5926, 91.7395



79.0923, 73.5086, 104.6277



72.5031, 68.4686, 85.3683



16.0695, 15.8331, 19.9307



19.4921, 9.0539, 45.8481



1.7083, 0.7979, 3.8182

Inverse Universe

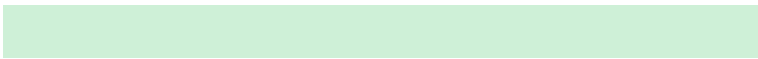
The Inverse Universe completely reimagines the original color for something new.



70.1464, 67.5260, 72.9583



77.8609, 73.4381, 79.0737



68.8177, 80.3244, 75.8336



15.9252, 15.8198, 17.1624



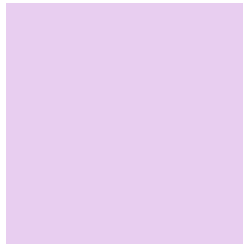
20.1113, 10.3169, 3.2365



1.7104, 0.8732, 0.4660

Previews

White Background



This preview shows how the XYZ color 71.0782, 67.5897, 91.7380 looks on a white background.

Color Contrast Check

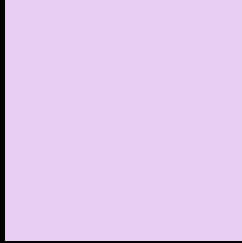
Large Text (above 18pt) WCAG AA × Fail

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 71.0782, 67.5897, 91.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

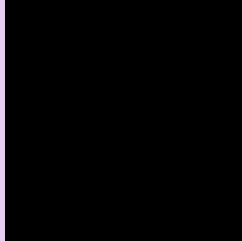
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0782, 67.5897, 91.7380

Background



This preview shows how black text looks on a background with the XYZ color 71.0782, 67.5897, 91.7380.



This preview shows how white text looks on a background with the XYZ color 71.0782, 67.5897,

91.7380.

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

71.0782, 67.5897, 91.7380

Protanopia

66.7017, 67.8218, 95.1633

Deuteranopia

69.1209, 67.6802, 91.0819



Tritanopia

69.0242, 67.8602, 80.6945

Trichromacy



Original Color

71.0782, 67.5897, 91.7380

Protanomaly

68.1377, 67.4697, 94.2257

Deuteranomaly

69.8144, 67.6746, 91.0442

Tritanomaly

69.7938, 67.8138, 84.2738

Monochromacy



Original Color

71.0782, 67.5897, 91.7380

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2055, 69.2721, 81.7275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0782, 67.5897, 91.7380 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(232, 206, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 206, 240)  
}
```

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(232, 206, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 206, 240) }
```

Border

The CSS property to change the border of an element to XYZ 71.0782, 67.5897, 91.7380 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(232, 206, 240) }
```


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

```
.border{ border-color:rgb(232, 206, 240) }
```

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

Here you see how a box with a 4 pixel rgb(232, 206, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 206, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 206, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 206,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0782, 67.5897, 91.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 206, 240) }
```

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

```
.background{ background-color: rgb(232,  
206, 240) }
```

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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