

Converting Colors

XYZ(71.5265, 72.3094, 93.3047)

Have a look what the booklet for
XYZ(71.5265, 72.3094, 93.3047)
contains.

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Color

**XYZ(71.3800, 72.1817,
93.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDAF1
RGB	223, 218, 241
RGB Percent	87%, 85%, 95%
CMY	0.1255, 0.1451, 0.0549
CMYK	0.07, 0.10, 0.00, 0.05
HSL	253°, 45%, 90%
HSV	253°, 10%, 95%
XYZ	71.3800, 72.1817, 93.3894
YIQ	222.1170, -4.4030, 8.2130

Conversions

Conversions Part 2

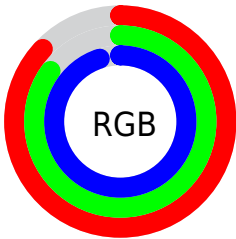
Format	Color
R _Y B	223, 218, 241
Decimal	14670577
CIE Lab	88.06, 5.96, -10.62
CIE LCh	88, 12.178, 299.324
Yxy	72.1817, 0.3012, 0.3046
Android (android.graphics.Color)	4292860657 (0xFFDFDAF1)
YUV	222.1170, 9.3093, 0.7744
Hunter-Lab	84.9598, 1.2892, -5.7008

Details

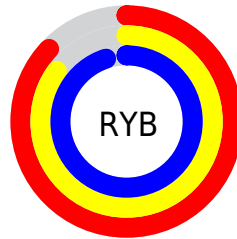
The XYZ color **71.3800, 72.1817, 93.3894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.7050, 85.8074, 78.7476**, and the grayscale version is **69.4542, 73.0712, 79.5745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0026, 38.0220, 51.2350** is the 20% darker color. If you saturate the color by 10%, you get **60.0878, 57.7492, 91.1999**, and if you desaturate by 10%, it is **84.2327, 88.7714, 95.9152**.

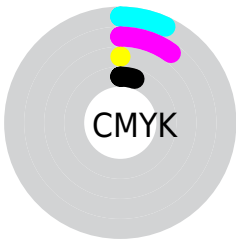
Distribution



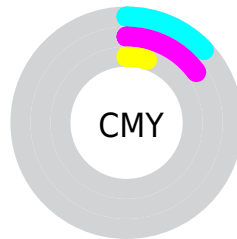
- Red (87%)
- Green (85%)
- Blue (95%)



- Red (87%)
- Yellow (85%)
- Blue (95%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3800, 72.1817, 93.3894 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 71.3800, 72.1817, 93.3894 by changing the saturation by 10% instead.

71.3800, 72.1817,
93.3894

71.3800, 72.1817,
93.3894

454.5719,
468.1738, 559.8479

52.9360, 53.3071,
70.2057

120.1902,
122.3148, 154.0140

37.9790, 38.0480,
51.2164

151.2872,
154.3422, 192.2920

26.1435, 26.0199,
36.0030

187.3325,
191.5225, 236.4385

17.0643, 16.8386,
24.1468

228.6915,
234.2403, 286.8721

10.3759, 10.1195,
15.2293

275.7296,
282.8800, 344.0113

5.7131, 5.4782,
8.8321

328.8121,

2.7104, 2.5305,

337.8258, 408.2746

4.5365

388.3045,
399.4623, 480.0807

■ 1.0025, 0.8919,
1.9240

■ 0.0000, 0.0000,
0.5080

■ 71.3800, 72.1817,
93.3894

■ 71.3800, 72.1817,
93.3894

■ 60.0878, 57.7492,
91.1999

■ 84.2327, 88.7714,
95.9152

■ 50.2894, 45.3758,
89.3280

■ 92.8774, 99.1310,
97.4592

■ 41.9229, 34.9693,
87.7603

■ 34.9194, 26.4269,
86.4806

■ 29.2040, 19.6362,
85.4711

■ 24.6945, 14.4728,
84.7122

■ 21.2985, 10.7950,
84.1813

■ 18.9087, 8.4362,
83.8519

■ 17.3696, 7.1380,
83.6825

Harmonies

Analogous

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



68.5407, 72.1817, 95.7078



71.3800, 72.1817, 93.3894



73.5260, 72.1817, 87.0448

Triad

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



71.3800, 72.1817, 93.3894



71.4972, 72.1817, 65.6166



63.1689, 72.1817, 78.4051

Complementary

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



71.3800, 72.1817, 93.3894



78.7050, 85.8074, 78.7476

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.



63.9116, 72.1817, 70.7080



71.3800, 72.1817, 93.3894



68.6725, 72.1817, 63.6518

Square

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



71.3800, 72.1817, 93.3894



73.5950, 72.1817, 71.0130



65.9059, 72.1817, 65.4494



63.8487, 72.1817, 86.6954

Rectangle

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



71.3800, 72.1817, 93.3894



74.2460, 72.1817, 81.5958



65.9059, 72.1817, 65.4494



63.2602, 72.1817, 75.6659

Sweetspot

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



71.3821, 72.1848, 93.3910



90.4892, 94.0978, 108.0011



74.7933, 81.2590, 94.9627



19.1135, 19.8114, 23.0665



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.



71.3821, 72.1848, 93.3910



79.1242, 79.4620, 105.7751



75.0416, 74.0713, 93.5622



15.2183, 15.3943, 19.8909



9.4807, 3.8929, 45.3796



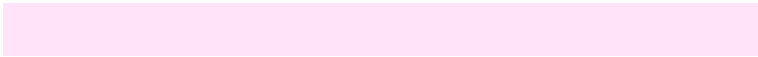
0.8705, 0.3660, 3.7790

Inverse Universe

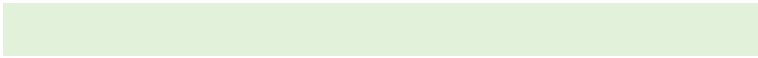
The Inverse Universe completely reimagines the original color for something new.



76.4899, 74.9030, 89.7869



85.7795, 83.0045, 101.0456



75.0134, 83.9043, 78.5748



16.2986, 15.9692, 19.1289



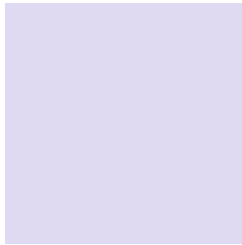
24.6832, 12.1457, 27.3122



2.0894, 1.0248, 2.4618

Previews

White Background



This preview shows how the XYZ color 71.3800, 72.1817, 93.3894 looks on a white background.

Color Contrast Check

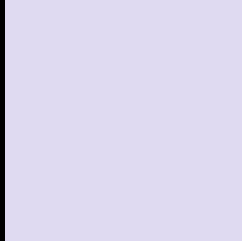
Large Text (above 18pt) WCAG AA × Fail

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 71.3800, 72.1817, 93.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

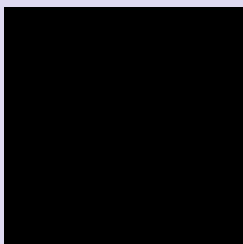
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3800, 72.1817, 93.3894

Background



This preview shows how black text looks on a background with the XYZ color 71.3800, 72.1817, 93.3894.

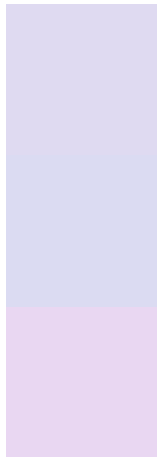


This preview shows how white text looks on a background with the XYZ color 71.3800, 72.1817,

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

71.3800, 72.1817, 93.3894

Protanopia

70.5719, 72.1339, 94.2081

Deuteranopia

73.9317, 72.3353, 94.0699



Tritanopia

70.5960, 72.2488, 89.5815

Trichromacy



Original Color

71.3800, 72.1817, 93.3894

Protanomaly

70.8737, 72.2895, 94.2222

Deuteranomaly

72.8960, 72.1806, 94.0946

Tritanomaly

70.8883, 72.3657, 91.1207

Monochromacy



Original Color

71.3800, 72.1817, 93.3894

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1235, 72.8996, 84.5039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3800, 72.1817, 93.3894 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(223, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 241)  
}
```

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(223, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.3800, 72.1817, 93.3894 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(223, 218, 241) }
```


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

```
.border{ border-color:rgb(223, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3800, 72.1817, 93.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 241) }
```

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

```
.background{ background-color: rgb(223,  
218, 241) }
```

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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