

Converting Colors

XYZ(72.0828, 74.5340, 90.8230)

Have a look what the booklet for
XYZ(72.0828, 74.5340, 90.8230)
contains.

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Color

**XYZ(72.1052, 74.5778,
90.7154)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDFED
RGB	223, 223, 237
RGB Percent	87%, 87%, 93%
CMY	0.1255, 0.1255, 0.0706
CMYK	0.06, 0.06, 0.00, 0.07
HSL	240°, 28%, 90%
HSV	240°, 6%, 93%
XYZ	72.1052, 74.5778, 90.7154
YIQ	224.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

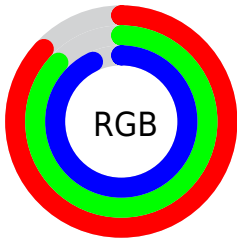
Format	Color
R _Y B	223, 223, 237
Decimal	14671853
CIE Lab	89.19, 2.59, -6.82
CIE LCh	89, 7.297, 290.782
Yxy	74.5778, 0.3037, 0.3141
Android (android.graphics.Color)	4292861933 (0xFFDFDFED)
YUV	224.5960, 6.1152, -1.3997
Hunter-Lab	86.3584, -2.0882, -1.8304

Details

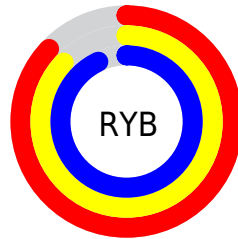
The XYZ color **72.1052, 74.5778, 90.7154** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.5287, 83.8999, 81.8687**, and the grayscale version is **71.2398, 74.9498, 81.6204**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4916, 39.6663, 49.3437** is the 20% darker color. If you saturate the color by 10%, you get **59.4147, 59.2880, 88.4342**, and if you desaturate by 10%, it is **86.7080, 92.1725, 93.3430**.

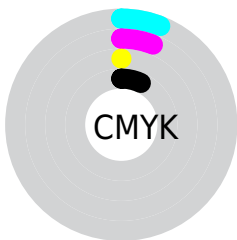
Distribution



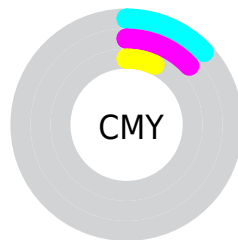
- Red (87%)
- Green (87%)
- Blue (93%)



- Red (87%)
- Yellow (87%)
- Blue (93%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1052, 74.5778, 90.7154 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 72.1052, 74.5778, 90.7154 by changing the saturation by 10% instead.

■ 72.1052, 74.5778,
90.7154

■ 72.1052, 74.5778,
90.7154

457.0596,
476.4652, 550.9853

■ 53.5304, 55.2671,
67.9971

121.2161,
125.7145, 150.2759

■ 38.4555, 39.6156,
49.4287

152.4829,
158.3093, 187.9552

■ 26.5152, 27.2390,
34.5917

188.7110,
196.1010, 231.4585

■ 17.3442, 17.7528,
23.0675

230.2659,
239.4738, 281.2045

■ 10.5770, 10.7726,
14.4376

277.5128,
288.8122, 337.6116

■ 5.8484, 5.9142,
8.2834

330.8172,

■ 2.7929, 2.7930,

344.5007, 401.0984

4.1865

390.5443,
406.9235, 472.0835

■ 1.0452, 1.0246,
1.7282

■ 0.0000, 0.0000,
0.3799

■ 72.1052, 74.5778,
90.7154

■ 72.1052, 74.5778,
90.7154

■ 59.4147, 59.2880,
88.4342

■ 86.7080, 92.1725,
93.3430

■ 48.5511, 46.1988,
86.4803

■ 92.2863, 98.8945,
94.3465

■ 39.4324, 35.2117,
84.8402

■ 31.9676, 26.2172,
83.4975

■ 26.0578, 19.0961,
82.4345

■ 21.5931, 13.7161,
81.6313

■ 18.4497, 9.9280,
81.0658

■ 16.4828, 7.5574,
80.7119

■ 15.5136, 6.3889,
80.5375

Harmonies

Analogous

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



70.3371, 74.5778, 91.2668



72.1052, 74.5778, 90.7154



73.5686, 74.5778, 87.5588

Triad

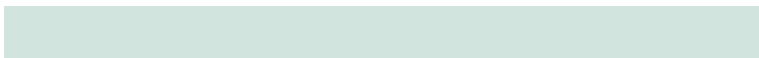
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1052, 74.5778, 90.7154



73.0700, 74.5778, 73.8432



67.5591, 74.5778, 79.6425

Complementary

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



72.1052, 74.5778, 90.7154



78.5287, 83.8999, 81.8687

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.



68.2654, 74.5778, 75.1616



72.1052, 74.5778, 90.7154



71.4336, 74.5778, 71.9068

Square

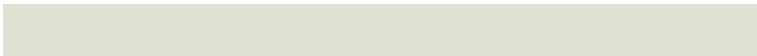
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1052, 74.5778, 90.7154



74.1321, 74.5778, 77.7743



69.6766, 74.5778, 72.3791



67.7321, 74.5778, 84.7301

Rectangle

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



72.1052, 74.5778, 90.7154



74.1650, 74.5778, 84.4718



69.6766, 74.5778, 72.3791



67.7012, 74.5778, 78.0187

Sweetspot

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



72.1074, 74.5810, 90.7170



91.5934, 95.8354, 108.2783



75.9688, 82.3584, 91.8361



19.6410, 20.5563, 23.1825



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.



72.1074, 74.5810, 90.7170



83.3541, 85.9082, 106.7964



74.2333, 75.6755, 90.8163



14.7566, 15.1822, 19.0750



8.3461, 3.3392, 43.9476



0.6555, 0.2624, 3.4510

Inverse Universe

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



74.6337, 76.1091, 80.5727



86.8763, 88.0387, 92.6534



76.3128, 82.7590, 81.7653



15.4326, 15.5911, 16.3606



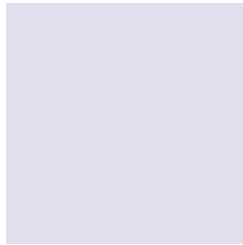
19.0680, 9.8299, 0.8936



1.4974, 0.7719, 0.0705

Previews

White Background



This preview shows how the XYZ color 72.1052, 74.5778, 90.7154 looks on a white background.

Color Contrast Check

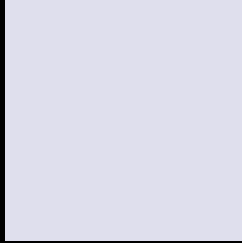
Large Text (above 18pt) WCAG AA × Fail

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 72.1052, 74.5778, 90.7154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

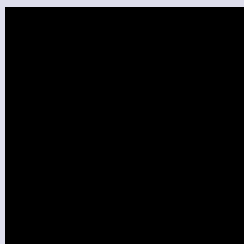
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

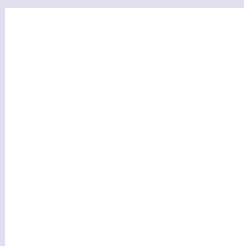
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1052, 74.5778, 90.7154

Background



This preview shows how black text looks on a background with the XYZ color 72.1052, 74.5778, 90.7154.



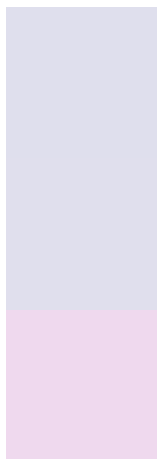
This preview shows how white text looks on a background with the XYZ color 72.1052, 74.5778,

90.7154.

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

72.1052, 74.5778, 90.7154

Protanopia

72.4142, 74.7371, 90.7298

Deuteranopia

75.8421, 74.1495, 91.2039



Tritanopia

72.8563, 74.9139, 93.0580

Trichromacy



Original Color

72.1052, 74.5778, 90.7154

Protanomaly

72.4142, 74.7371, 90.7298

Deuteranomaly

74.3684, 74.1597, 91.2835

Tritanomaly

72.7081, 74.8546, 92.2776

Monochromacy



Original Color

72.1052, 74.5778, 90.7154

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5390, 74.8157, 84.7991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1052, 74.5778, 90.7154 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, 223, 237) looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 237)  
}
```

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, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 237) }
```

Border

The CSS property to change the border of an element to XYZ 72.1052, 74.5778, 90.7154 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, 223, 237) }
```


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

```
.border{ border-color:rgb(223, 223, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 223, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 223,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1052, 74.5778, 90.7154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 237) }
```

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

```
.background{ background-color: rgb(223,  
223, 237) }
```

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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