

Converting Colors

XYZ(72.1368, 74.5700, 91.7822)

Have a look what the booklet for
XYZ(72.1368, 74.5700, 91.7822)
contains.

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Color

**XYZ(71.9445, 74.4780,
91.4727)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDFEE
RGB	222, 223, 238
RGB Percent	87%, 87%, 93%
CMY	0.1294, 0.1255, 0.0667
CMYK	0.07, 0.06, 0.00, 0.07
HSL	236°, 32%, 90%
HSV	236°, 7%, 93%
XYZ	71.9445, 74.4780, 91.4727
YIQ	224.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

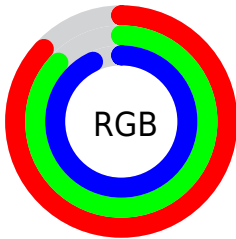
Format	Color
R _Y B	222, 223, 238
Decimal	14606318
CIE Lab	89.15, 2.45, -7.43
CIE LCh	89, 7.820, 288.277
Yxy	74.4780, 0.3024, 0.3131
Android (android.graphics.Color)	4292796398 (0xFFDEDFEE)
YUV	224.4110, 6.6994, -2.1144
Hunter-Lab	86.3006, -2.2196, -2.4328

Details

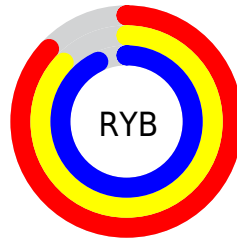
The XYZ color **71.9445, 74.4780, 91.4727** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.7291, 84.0187, 81.1763**, and the grayscale version is **71.1037, 74.8066, 81.4644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3825, 39.5982, 49.8762** is the 20% darker color. If you saturate the color by 10%, you get **59.5909, 59.8387, 89.2993**, and if you desaturate by 10%, it is **86.1166, 91.2245, 93.9593**.

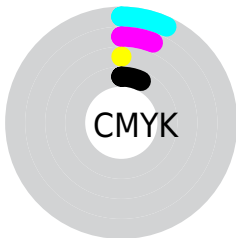
Distribution



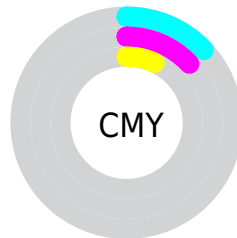
- Red (87%)
- Green (87%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9445, 74.4780, 91.4727 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 71.9445, 74.4780, 91.4727 by changing the saturation by 10% instead.

■ 71.9445, 74.4780,
91.4727

■ 71.9445, 74.4780,
91.4727

456.5090,
476.1215, 553.5032

■ 53.3986, 55.1854,
68.6222

120.9888,
125.5732, 151.3357

■ 38.3499, 39.5501,
49.9342

152.2181,
158.1445, 189.1852

■ 26.4328, 27.1880,
34.9903

188.4057,
195.9108, 232.8715

■ 17.2821, 17.7144,
23.3719

229.9173,
239.2566, 282.8131

■ 10.5323, 10.7452,
14.6605

277.1180,
288.5661, 339.4285

■ 5.8183, 5.8958,
8.4375

330.3733,

■ 2.7745, 2.7818,

344.2238, 403.1363

4.2844

390.0485,
406.6142, 474.3550

■ 1.0357, 1.0189,
1.7826

■ 0.0000, 0.0000,
0.4165

■ 71.9445, 74.4780,
91.4727

■ 71.9445, 74.4780,
91.4727

■ 59.5909, 59.8387,
89.2993

■ 86.1166, 91.2245,
93.9593

■ 48.9761, 47.2142,
87.4220

■ 92.4328, 98.9531,
95.1182

■ 40.0237, 36.5189,
85.8294

■ 32.6496, 27.6578,
84.5077

■ 26.7620, 20.5278,
83.4418

■ 22.2597, 15.0153,
82.6151

■ 19.0288, 10.9934,
82.0090

■ 16.9372, 8.3160,
81.6025

■ 15.8219, 6.8064,
81.3699

Harmonies

Analogous

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



70.0472, 74.4780, 91.8096



71.9445, 74.4780, 91.4727



73.5594, 74.4780, 88.2808

Triad

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



71.9445, 74.4780, 91.4727



73.2560, 74.4780, 73.5106



67.2615, 74.4780, 78.9802

Complementary

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



71.9445, 74.4780, 91.4727



78.7291, 84.0187, 81.1763

Split Complementary

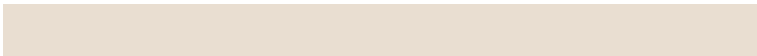
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0892, 74.4780, 74.3080



71.9445, 74.4780, 91.4727



71.5363, 74.4780, 71.2462

Square

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



71.9445, 74.4780, 91.4727



74.3259, 74.4780, 77.8471



69.6461, 74.4780, 71.5314



67.3663, 74.4780, 84.4297

Rectangle

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



71.9445, 74.4780, 91.4727



74.2481, 74.4780, 85.0405



69.6461, 74.4780, 71.5314



67.4392, 74.4780, 77.2713

Sweetspot

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



71.9467, 74.4812, 91.4743



91.6925, 96.0334, 108.3113



75.9763, 82.7904, 92.0466



19.6611, 20.5967, 23.1893



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.



71.9467, 74.4812, 91.4743



82.1397, 84.7356, 106.6341



73.8470, 75.0640, 91.4867



14.9768, 15.3878, 19.9024



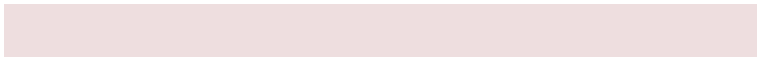
8.7355, 3.6952, 45.3807



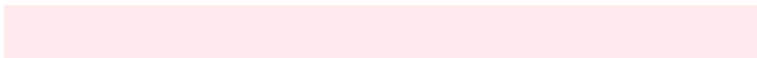
0.7544, 0.3629, 3.7845

Inverse Universe

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



74.7021, 75.7489, 80.4995



85.9567, 86.4970, 91.4301



76.7371, 83.4242, 81.1666



15.8130, 15.7749, 16.5714



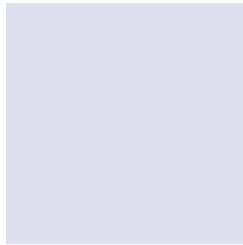
19.7349, 10.1664, 1.2546



1.6558, 0.8513, 0.1781

Previews

White Background



This preview shows how the XYZ color 71.9445, 74.4780, 91.4727 looks on a white background.

Color Contrast Check

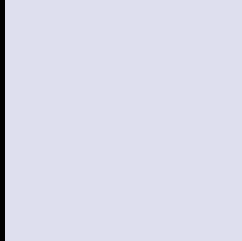
Large Text (above 18pt) WCAG AA × Fail

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 71.9445, 74.4780, 91.4727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

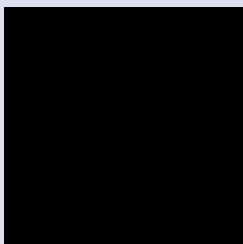
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

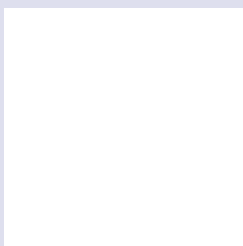
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9445, 74.4780, 91.4727

Background



This preview shows how black text looks on a background with the XYZ color 71.9445, 74.4780, 91.4727.



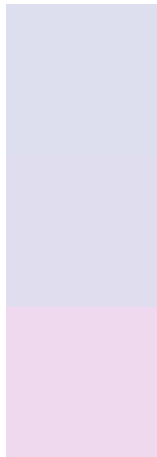
This preview shows how white text looks on a background with the XYZ color 71.9445, 74.4780,

91.4727.

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

71.9445, 74.4780, 91.4727

Protanopia

72.2944, 74.2629, 91.4128

Deuteranopia

75.9894, 74.2084, 91.9799



Tritanopia

72.2401, 74.5962, 93.0291

Trichromacy



Original Color

71.9445, 74.4780, 91.4727

Protanomaly

71.9853, 74.1036, 91.3983

Deuteranomaly

74.5158, 74.2187, 92.0596

Tritanomaly

72.0919, 74.5369, 92.2488

Monochromacy



Original Color

71.9445, 74.4780, 91.4727

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.2299, 74.6564, 84.7847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9445, 74.4780, 91.4727 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(222, 223, 238) looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 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(222, 223, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.9445, 74.4780, 91.4727 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(222, 223, 238) }
```


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

```
.border{ border-color:rgb(222, 223, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 223, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 238);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9445, 74.4780, 91.4727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 238) }
```

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

```
.background{ background-color: rgb(222,  
223, 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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