

Converting Colors

XYZ(71.5956, 68.9926, 92.1753)

Have a look what the booklet for
XYZ(71.5956, 68.9926, 92.1753)
contains.

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Color

**XYZ(71.4836, 68.8811,
91.9659)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D1F0
RGB	231, 209, 240
RGB Percent	91%, 82%, 94%
CMY	0.0941, 0.1804, 0.0588
CMYK	0.04, 0.13, 0.00, 0.06
HSL	283°, 51%, 88%
HSV	283°, 13%, 94%
XYZ	71.4836, 68.8811, 91.9659
YIQ	219.1120, 3.1610, 14.3050

Conversions

Conversions Part 2

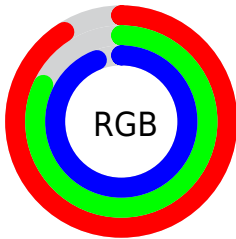
Format	Color
R _Y B	231, 209, 240
Decimal	15192560
CIE Lab	86.45, 13.13, -12.42
CIE LCh	86, 18.075, 316.576
Yxy	68.8811, 0.3077, 0.2965
Android (android.graphics.Color)	4293382640 (0xFFE7D1F0)
YUV	219.1120, 10.2978, 10.4258
Hunter-Lab	82.9946, 8.5021, -7.6027

Details

The XYZ color **71.4836, 68.8811, 91.9659** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.5847, 81.8309, 72.3470**, and the grayscale version is **67.3406, 70.8476, 77.1530**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0523, 36.0173, 50.2939** is the 20% darker color. If you saturate the color by 10%, you get **63.8292, 56.8440, 90.0470**, and if you desaturate by 10%, it is **80.1187, 82.7442, 94.1877**.

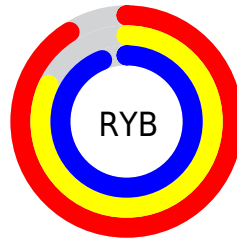
Distribution



Red (91%)

Green (82%)

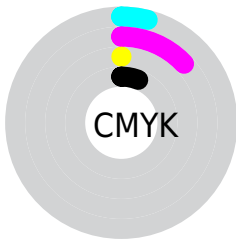
Blue (94%)



Red (91%)

Yellow (82%)

Blue (94%)

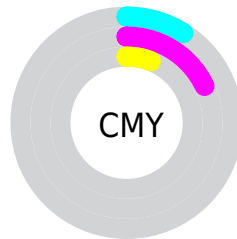


Cyan (4%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (18%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4836, 68.8811, 91.9659 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 71.4836, 68.8811, 91.9659 by changing the saturation by 10% instead.

71.4836, 68.8811,
91.9659

71.4836, 68.8811,
91.9659

454.9278,
456.6115, 555.1396

53.0209, 50.6149,
69.0294

120.3368,
117.6117, 152.0254

38.0470, 35.9022,
50.2638

151.4581,
148.8449, 189.9855

26.1965, 24.3587,
35.2504

187.5296,
185.1693, 233.7906

17.1042, 15.5999,
23.5707

228.9166,
226.9691, 283.8592

10.4046, 9.2415,
14.8062

275.9846,
274.6289, 340.6099

5.7323, 4.8990,
8.5384

329.0989,

2.7221, 2.1881,

328.5329, 404.4612

4.3487

388.6248,
389.0657, 475.8315

■ 1.0086, 0.7135,
1.8185

■ 0.0000, 0.0000,
0.4401

■ 71.4836, 68.8811,
91.9659

■ 71.4836, 68.8811,
91.9659

■ 63.8292, 56.8440,
90.0470

■ 80.1187, 82.7442,
94.1877

■ 57.1086, 46.5445,
88.4132

■ 89.1231, 97.2128,
96.5058

■ 51.2805, 37.8998,
87.0518

■ 91.5996, 98.4894,
96.6217

■ 46.2974, 30.8171,
85.9473

■ 92.7284, 99.0714,
96.6745

■ 42.1075, 25.1940,
85.0828

■ 38.6525, 20.9157,
84.4391

■ 35.8654, 17.8497,
83.9942

■ 33.6651, 15.8357,
83.7214

■ 32.3745, 14.8727,
83.6035

Harmonies

Analogous

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



67.7898, 68.8811, 99.3023



71.4836, 68.8811, 91.9659



73.6046, 68.8811, 80.4731

Triad

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



71.4836, 68.8811, 91.9659



67.3536, 68.8811, 54.7598



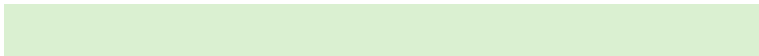
58.0625, 68.8811, 81.7618

Complementary

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



71.4836, 68.8811, 91.9659



71.5847, 81.8309, 72.3470

Split Complementary

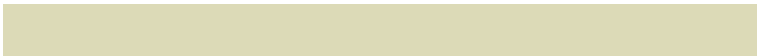
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.9569, 68.8811, 69.7805



71.4836, 68.8811, 91.9659



63.2026, 68.8811, 55.0260

Square

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



71.4836, 68.8811, 91.9659



71.1526, 68.8811, 59.4897



59.8024, 68.8811, 60.2603



60.0972, 68.8811, 92.9955

Rectangle

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



71.4836, 68.8811, 91.9659



73.7851, 68.8811, 72.3939



59.8024, 68.8811, 60.2603



57.8033, 68.8811, 77.6675

Sweetspot

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



71.4856, 68.8841, 91.9674



90.8007, 93.1065, 107.7934



67.1747, 70.1481, 92.4386



19.2685, 19.6595, 23.0291



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.



71.4856, 68.8841, 91.9674



80.0699, 75.9311, 105.0438



73.5603, 70.0582, 87.3385



15.9812, 15.7875, 19.9266



17.8605, 8.2128, 45.7718



1.5840, 0.7338, 3.8124

Inverse Universe

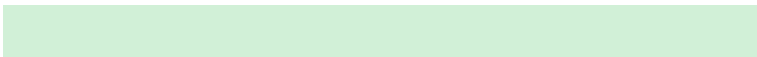
The Inverse Universe completely reimagines the original color for something new.



71.3929, 69.1912, 75.9255



79.9721, 76.3504, 83.8161



69.7485, 80.7939, 76.3465



15.9615, 15.8343, 17.3537



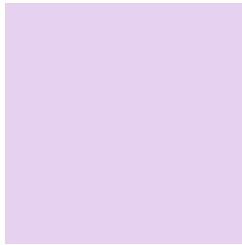
20.3212, 10.4009, 4.3420



1.7322, 0.8819, 0.5805

Previews

White Background



This preview shows how the XYZ color 71.4836, 68.8811, 91.9659 looks on a white background.

Color Contrast Check

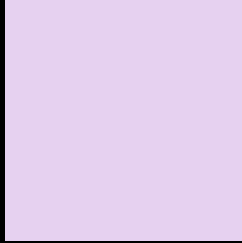
Large Text (above 18pt) WCAG AA × Fail

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 71.4836, 68.8811, 91.9659 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 71.4836, 68.8811, 91.9659

Background



This preview shows how black text looks on a background with the XYZ color 71.4836, 68.8811, 91.9659.



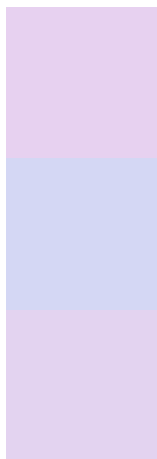
This preview shows how white text looks on a background with the XYZ color 71.4836, 68.8811,

91.9659.

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

71.4836, 68.8811, 91.9659

Protanopia

67.7810, 69.1296, 95.3589

Deuteranopia

70.7010, 69.2107, 92.0707



Tritanopia

69.6110, 68.8480, 83.0189

Trichromacy



Original Color

71.4836, 68.8811, 91.9659

Protanomaly

69.1853, 69.1196, 94.4890

Deuteranomaly

70.7697, 68.8784, 92.0030

Tritanomaly

70.2452, 68.7424, 85.9102

Monochromacy



Original Color

71.4836, 68.8811, 91.9659

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.5970, 69.8349, 82.5371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4836, 68.8811, 91.9659 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(231, 209, 240)` looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 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(231, 209, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 240) }
```

Border

The CSS property to change the border of an element to XYZ 71.4836, 68.8811, 91.9659 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(231, 209, 240) }
```


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

```
.border{ border-color:rgb(231, 209, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 209, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 209, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 209, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 209,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4836, 68.8811, 91.9659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 240) }
```

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

```
.background{ background-color: rgb(231,  
209, 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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