

Converting Colors

XYZ(71.0406, 69.5622, 85.1544)

Have a look what the booklet for
XYZ(71.0406, 69.5622, 85.1544)
contains.

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Color

**XYZ(70.9968, 69.5139,
85.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D3E7
RGB	232, 211, 231
RGB Percent	91%, 83%, 91%
CMY	0.0902, 0.1725, 0.0941
CMYK	0.00, 0.09, 0.00, 0.09
HSL	303°, 31%, 87%
HSV	303°, 9%, 91%
XYZ	70.9968, 69.5139, 85.2769
YIQ	219.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

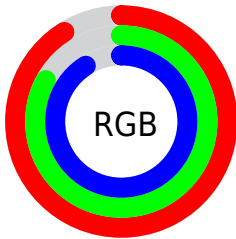
Format	Color
R _Y B	232, 211, 231
Decimal	15258599
CIE Lab	86.76, 10.74, -7.19
CIE LCh	87, 12.926, 326.226
Yxy	69.5139, 0.3144, 0.3079
Android (android.graphics.Color)	4293448679 (0xFFE8D3E7)
YUV	219.5590, 5.6404, 10.9108
Hunter-Lab	83.3750, 6.0929, -2.2800

Details

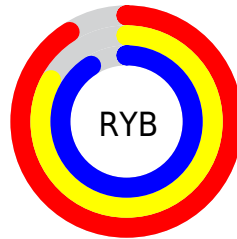
The XYZ color **70.9968, 69.5139, 85.2769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6069, 76.3175, 73.4585**, and the grayscale version is **67.6810, 71.2057, 77.5430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5308, 36.1022, 45.5478** is the 20% darker color. If you saturate the color by 10%, you get **65.4892, 58.7467, 82.6742**, and if you desaturate by 10%, it is **77.3412, 81.9511, 88.1651**.

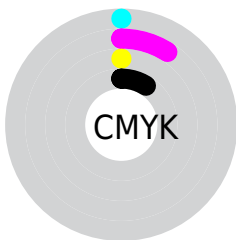
Distribution



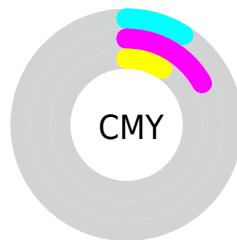
- Red (91%)
- Green (83%)
- Blue (91%)



- Red (91%)
- Yellow (83%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9968, 69.5139, 85.2769 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 70.9968, 69.5139, 85.2769 by changing the saturation by 10% instead.

 70.9968, 69.5139,
85.2769

 70.9968, 69.5139,
85.2769

453.2543,
458.8414, 532.7123

 52.6221, 51.1303,
63.5187


119.6477,
118.5153, 142.6376

 37.7275, 36.3124,
45.8173


150.6546,
149.9019, 179.0772

 25.9475, 24.6755,
31.7540


186.6030,
186.3917, 221.2477

 16.9168, 15.8355,
20.9104

227.8582,
228.3689, 269.5676

 10.2701, 9.4078,
12.8679

274.7856,
276.2182, 324.4555

 5.6421, 5.0081,
7.2080

327.7505,

 2.6673, 2.2520,

330.3237, 386.3299

3.5121

387.1183,
391.0700, 455.6093

■ 0.9804, 0.7481,
1.3617

■ 0.0000, 0.0000,
0.1116

■ 70.9968, 69.5139,
85.2769

■ 70.9968, 69.5139,
85.2769

■ 65.4892, 58.7467,
82.6742

■ 77.3412, 81.9511,
88.1651

■ 60.7769, 49.5696,
80.3406

■ 83.7774, 94.5713,
91.0879

■ 56.8240, 41.9095,
78.2650

■ 83.9360, 94.6348,
91.9231

■ 53.5891, 35.6842,
76.4335

■ 84.0956, 94.6986,
92.7634

■ 51.0275, 30.8036,
74.8313

■ 84.2562, 94.7629,
93.6091

■ 49.0889, 27.1675,
73.4416

■ 84.4178, 94.8275,
94.4599

■ 47.7162, 24.6618,
72.2454

■ 84.5803, 94.8925,
95.3160

■ 46.8419, 23.1513,
71.2201

■ 84.7439, 94.9579,
96.1773

■ 46.3617, 22.4273,
70.3309

■ 84.9085, 95.0238,
97.0440

Harmonies

Analogous

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



68.6603, 69.5139, 91.5437



70.9968, 69.5139, 85.2769



72.0126, 69.5139, 76.7844

Triad

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



70.9968, 69.5139, 85.2769



66.4523, 69.5139, 60.3325



61.0165, 69.5139, 83.2484

Complementary

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



70.9968, 69.5139, 85.2769



67.6069, 76.3175, 73.4585

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.



60.4653, 69.5139, 74.6037



70.9968, 69.5139, 85.2769



63.5474, 69.5139, 61.7792

Square

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



70.9968, 69.5139, 85.2769



69.3390, 69.5139, 62.7364



61.3782, 69.5139, 66.8478



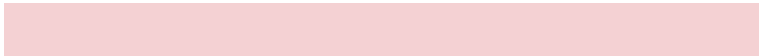
62.9071, 69.5139, 90.3116

Rectangle

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



70.9968, 69.5139, 85.2769



71.7821, 69.5139, 71.1533



61.3782, 69.5139, 66.8478



60.6710, 69.5139, 80.4131

Sweetspot

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



70.9988, 69.5169, 85.2784



92.5993, 95.1924, 107.7939



64.9278, 66.3708, 85.7338



19.6834, 20.1070, 23.0103



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.



70.9988, 69.5169, 85.2784



86.5310, 83.3051, 105.0028



69.5998, 68.9573, 77.9113



14.9639, 14.6027, 18.0103



25.7305, 12.4264, 39.0714



1.9106, 0.9220, 2.9357

Inverse Universe

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



70.9988, 69.5169, 85.2784



86.5310, 83.3051, 105.0028



68.9347, 76.8486, 80.4502



14.9639, 14.6027, 18.0103



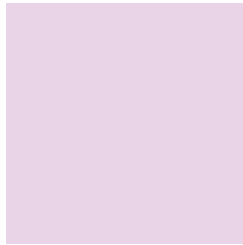
25.7305, 12.4264, 39.0714



1.9106, 0.9220, 2.9357

Previews

White Background



This preview shows how the XYZ color 70.9968, 69.5139, 85.2769 looks on a white background.

Color Contrast Check

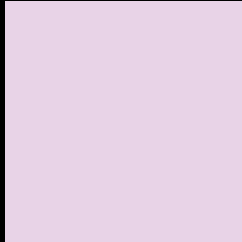
Large Text (above 18pt) WCAG AA × Fail

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 70.9968, 69.5139, 85.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

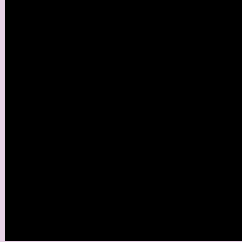
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9968, 69.5139, 85.2769

Background



This preview shows how black text looks on a background with the XYZ color 70.9968, 69.5139, 85.2769.



This preview shows how white text looks on a background with the XYZ color 70.9968, 69.5139,

85.2769.

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

70.9968, 69.5139, 85.2769

Protanopia

67.7261, 69.6512, 87.7164

Deuteranopia

70.9968, 69.5139, 85.2769



Tritanopia

70.5766, 69.3458, 83.0641

Trichromacy



Original Color

70.9968, 69.5139, 85.2769

Protanomaly

68.8787, 69.5059, 86.8765

Deuteranomaly

70.9968, 69.5139, 85.2769

Tritanomaly

70.7158, 69.4015, 83.7974

Monochromacy



Original Color

70.9968, 69.5139, 85.2769

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0079, 70.8548, 80.5603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9968, 69.5139, 85.2769 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, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(232, 211, 231)  
}
```

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, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 211, 231) }
```

Border

The CSS property to change the border of an element to XYZ 70.9968, 69.5139, 85.2769 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, 211, 231) }
```


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

```
.border{ border-color:rgb(232, 211, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(232, 211,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9968, 69.5139, 85.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 211, 231) }
```

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

```
.background{ background-color: rgb(232,  
211, 231) }
```

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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