

# Converting Colors

XYZ(71.2705, 69.8135, 78.1256)

Have a look what the booklet for  
XYZ(71.2705, 69.8135, 78.1256)  
contains.

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# Color

**XYZ(71.2705, 69.8135,  
78.1256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDD3DD
RGB	237, 211, 221
RGB Percent	93%, 83%, 87%
CMY	0.0706, 0.1725, 0.1333
CMYK	0.00, 0.11, 0.07, 0.07
HSL	337°, 42%, 88%
HSV	337°, 11%, 93%
XYZ	71.2705, 69.8135, 78.1256
YIQ	219.9140, 12.2860, 8.6220

# Conversions

## Conversions Part 2

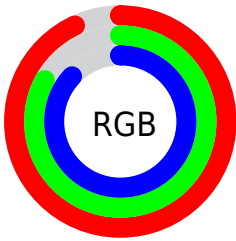
Format	Color
R <sub>YB</sub>	237, 211, 221
Decimal	15586269
CIE Lab	86.91, 10.69, -1.63
CIE LCh	87, 10.815, 351.347
Yxy	69.8135, 0.3251, 0.3185
Android (android.graphics.Color)	4293776349 (0xFFEDD3DD)
YUV	219.9140, 0.5354, 14.9844
Hunter-Lab	83.5545, 6.0370, 3.0504

# Details

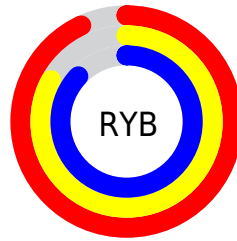
The XYZ color **71.2705, 69.8135, 78.1256** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0160, 79.9652, 84.3689**, and the grayscale version is **67.9596, 71.4988, 77.8622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8275, 36.3539, 41.0997** is the 20% darker color. If you saturate the color by 10%, you get **63.9517, 58.1515, 66.5106**, and if you desaturate by 10%, it is **79.6302, 83.2852, 90.9224**.

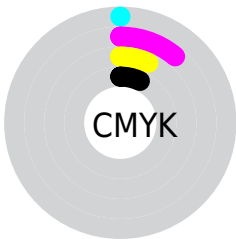
# Distribution



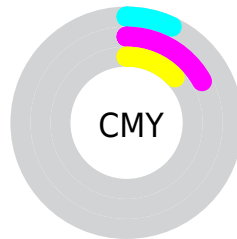
- Red (93%)
- Green (83%)
- Blue (87%)



- Red (93%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (7%)




- Cyan (7%)
- Magenta (17%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2705, 69.8135, 78.1256 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 71.2705, 69.8135, 78.1256 by changing the saturation by 10% instead.



 71.2705, 69.8135,  
78.1256

 71.2705, 69.8135,  
78.1256


454.1956,  
459.8949, 508.1325

 52.8463, 51.3745,  
57.6601


120.0352,  
118.9428, 132.5146

 37.9071, 36.5067,  
41.1226

151.1065,  
150.4018, 167.2753

 26.0875, 24.8258,  
28.0944


187.1241,  
186.9697, 207.6380

 17.0221, 15.9473,  
18.1572

228.4535,  
229.0307, 254.0214

 10.3457, 9.4869,  
10.8923

275.4600,  
276.9694, 306.8440

 5.6928, 5.0601,  
5.8812

328.5089,

 2.6980, 2.2826,

331.1700, 366.5244

2.7054

387.9657,  
392.0171, 433.4810

■ 0.9962, 0.7645,  
0.9461

■ 0.0000, 0.0000,  
0.0000

■ 71.2705, 69.8135,  
78.1256

■ 71.2705, 69.8135,  
78.1256

■ 63.9517, 58.1515,  
66.5106

■ 79.6302, 83.2852,  
90.9224

■ 57.6258, 48.2127,  
56.0378

■ 87.9684, 96.4379,  
104.5647

■ 52.2496, 39.9171,  
46.6717

■ 88.7355, 96.7448,  
108.6045

■ 47.7744, 33.1748,  
38.3732

■ 44.1471, 27.8870,  
31.1005

■ 41.3085, 23.9438,  
24.8088

■ 39.1912, 21.2189,  
19.4490

■ 37.7154, 19.5618,  
14.9662

■ 36.8195, 18.7624,  
11.6082

# Harmonies

## Analogous

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



70.2186, 69.8135, 85.0319



71.2705, 69.8135, 78.1256



70.9796, 69.8135, 71.0667

# Triad

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



71.2705, 69.8135, 78.1256



64.6045, 69.8135, 63.7896



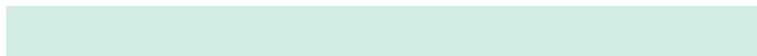
63.3700, 69.8135, 87.3951

# Complementary

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



71.2705, 69.8135, 78.1256



71.0160, 79.9652, 84.3689

# 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.



61.9370, 69.8135, 81.1879



71.2705, 69.8135, 78.1256



62.6370, 69.8135, 67.6593

# Square

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



71.2705, 69.8135, 78.1256



67.0886, 69.8135, 63.0846



61.6721, 69.8135, 73.9428



65.6281, 69.8135, 90.6017



# Rectangle

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



71.2705, 69.8135, 78.1256



70.0664, 69.8135, 67.1972



61.6721, 69.8135, 73.9428



62.7783, 69.8135, 85.5724

# Sweetspot

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



71.2725, 69.8166, 78.1271



91.9090, 94.9162, 104.1589



70.1354, 68.9722, 89.7383



19.4968, 20.0324, 22.0278



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.



71.2725, 69.8166, 78.1271



82.2586, 79.3978, 89.2820



70.6308, 70.6017, 71.5365



15.3052, 15.1499, 16.8924



20.1612, 10.2672, 6.6504



1.6289, 0.8245, 0.7630



# Inverse Universe

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



71.2725, 69.8166, 78.1271



82.2586, 79.3978, 89.2820



71.6892, 79.0389, 91.5994



15.3052, 15.1499, 16.8924



20.1612, 10.2672, 6.6504

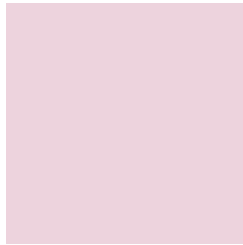


1.6289, 0.8245, 0.7630



# Previews

## White Background



This preview shows how the XYZ color 71.2705, 69.8135, 78.1256 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

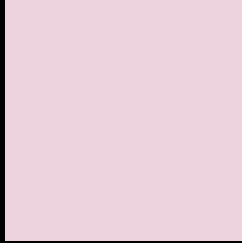
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.2705, 69.8135, 78.1256 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

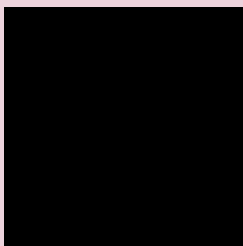
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 71.2705, 69.8135, 78.1256**

## **Background**



This preview shows how black text looks on a background with the XYZ color 71.2705, 69.8135, 78.1256.



This preview shows how white text looks on a background with the XYZ color 71.2705, 69.8135,



# 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

71.2705, 69.8135, 78.1256

### Protanopia

67.7826, 70.2232, 80.5029

### Deuteranopia

71.2705, 69.8135, 78.1256



## Tritanopia

72.1716, 69.8164, 82.3451

# Trichromacy



## Original Color

71.2705, 69.8135, 78.1256

## Protanomaly

68.9838, 70.0973, 79.7063

## Deuteranomaly

71.2705, 69.8135, 78.1256

## Tritanomaly

71.8971, 69.7066, 80.8995

# Monochromacy



## Original Color

71.2705, 69.8135, 78.1256

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

69.0952, 70.9618, 77.7654

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.2705, 69.8135, 78.1256 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(237, 211, 221)` looks like.

```
.text, #text, p{  
    color:rgb(237, 211, 221)  
}
```

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(237, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 211, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 71.2705, 69.8135, 78.1256 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(237, 211, 221) }
```



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

```
.border{ border-color:rgb(237, 211, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 211, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(237, 211,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.2705, 69.8135, 78.1256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 211, 221) }
```

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

```
.background{ background-color: rgb(237,  
211, 221) }
```

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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