

Converting Colors

XYZ(71.3320, 69.6306, 76.5132)

Have a look what the booklet for
XYZ(71.3320, 69.6306, 76.5132)
contains.

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Color

**XYZ(71.4294, 69.5584,
76.6792)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD2DB
RGB	239, 210, 219
RGB Percent	94%, 82%, 86%
CMY	0.0627, 0.1764, 0.1412
CMYK	0.00, 0.12, 0.08, 0.06
HSL	341°, 48%, 88%
HSV	341°, 12%, 94%
XYZ	71.4294, 69.5584, 76.6792
YIQ	219.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

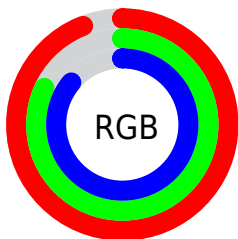
Format	Color
R _Y B	239, 210, 219
Decimal	15717083
CIE Lab	86.78, 11.57, -0.73
CIE LCh	87, 11.593, 356.382
Yxy	69.5584, 0.3282, 0.3196
Android (android.graphics.Color)	4293907163 (0xFFEFD2DB)
YUV	219.6970, -0.3436, 16.9287
Hunter-Lab	83.4017, 6.9235, 3.8702

Details

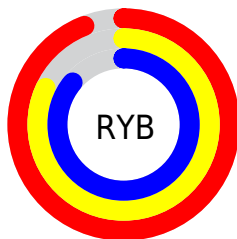
The XYZ color **71.4294, 69.5584, 76.6792** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7305, 81.1496, 86.7498**, and the grayscale version is **67.8133, 71.3449, 77.6946**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9506, 36.1903, 40.1072** is the 20% darker color. If you saturate the color by 10%, you get **63.9001, 57.8020, 63.9871**, and if you desaturate by 10%, it is **80.0588, 83.1693, 90.8001**.

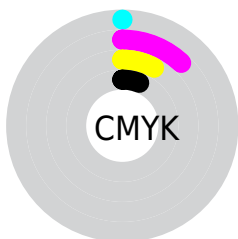
Distribution



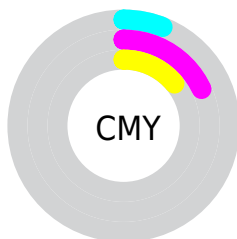
- Red (94%)
- Green (82%)
- Blue (86%)



- Red (94%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4294, 69.5584, 76.6792 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 71.4294, 69.5584, 76.6792 by changing the saturation by 10% instead.

71.4294, 69.5584,
76.6792

71.4294, 69.5584,
76.6792

454.7416,
458.9979, 503.0781

52.9765, 51.1666,
56.4796

120.2601,
118.5788, 130.4554

38.0114, 36.3412,
40.1810

151.3687,
149.9762, 164.8691

26.1688, 24.6978,
27.3649

187.4265,
186.4775, 204.8580

17.0833, 15.8521,
17.6126

228.7989,
228.4673, 250.8405

10.3896, 9.4195,
10.5056

275.8512,
276.3298, 303.2353

5.7223, 5.0158,
5.6255

328.9489,

2.7160, 2.2566,

330.4495, 362.4607

2.5537

388.4572,
391.2107, 428.9355

■ 1.0054, 0.7506,
0.8684

■ 0.0000, 0.0000,
0.0000

■ 71.4294, 69.5584,
76.6792

■ 71.4294, 69.5584,
76.6792

■ 63.9001, 57.8020,
63.9871

■ 80.0588, 83.1693,
90.8001

■ 57.4198, 47.8105,
52.6737

■ 88.9232, 96.8974,
106.0884

■ 51.9421, 39.5007,
42.6921

■ 89.4070, 97.0909,
108.6359

■ 47.4149, 32.7791,
33.9912

■ 43.7809, 27.5427,
26.5163

■ 40.9764, 23.6767,
20.2084

■ 38.9289, 21.0488,
15.0028

■ 37.5518, 19.5002,
10.8272

■ 36.8381, 18.8474,
8.2013

Harmonies

Analogous

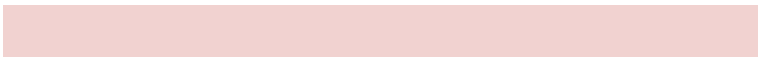
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5301, 69.5584, 84.2686



71.4294, 69.5584, 76.6792



70.8726, 69.5584, 69.3225

Triad

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



71.4294, 69.5584, 76.6792



63.8337, 69.5584, 63.1864



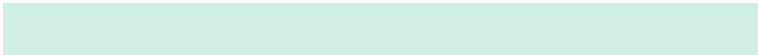
63.2811, 69.5584, 88.8019

Complementary

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



71.4294, 69.5584, 76.6792



71.7305, 81.1496, 86.7498

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.



61.5717, 69.5584, 82.5360



71.4294, 69.5584, 76.6792



61.8846, 69.5584, 67.8021

Square

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



71.4294, 69.5584, 76.6792



66.4413, 69.5584, 61.8502



61.0675, 69.5584, 74.8031



65.7862, 69.5584, 91.5614

Rectangle

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



71.4294, 69.5584, 76.6792



69.7586, 69.5584, 65.4780



61.0675, 69.5584, 74.8031



62.5970, 69.5584, 87.0159

Sweetspot

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



71.4314, 69.5615, 76.6807



90.7697, 93.2190, 101.9871



71.2033, 69.1212, 91.2512



19.2612, 19.6883, 21.5577



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.



71.4314, 69.5615, 76.6807



80.0779, 76.3927, 84.3733



71.6130, 71.7691, 71.0549



15.9747, 15.8396, 17.4233



20.4090, 10.4360, 4.8045



1.7409, 0.8854, 0.6262

Inverse Universe

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



71.4314, 69.5615, 76.6807



80.0779, 76.3927, 84.3733



71.4934, 78.6012, 93.0657



15.9747, 15.8396, 17.4233



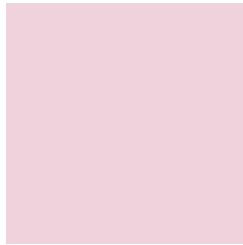
20.4090, 10.4360, 4.8045



1.7409, 0.8854, 0.6262

Previews

White Background



This preview shows how the XYZ color 71.4294, 69.5584, 76.6792 looks on a white background.

Color Contrast Check

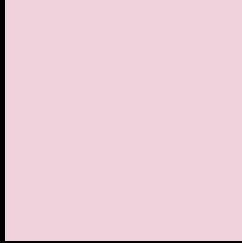
Large Text (above 18pt) WCAG AA × Fail

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 71.4294, 69.5584, 76.6792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

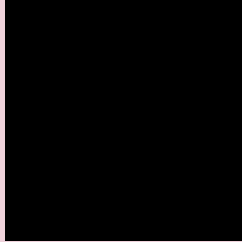
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4294, 69.5584, 76.6792

Background



This preview shows how black text looks on a background with the XYZ color 71.4294, 69.5584, 76.6792.

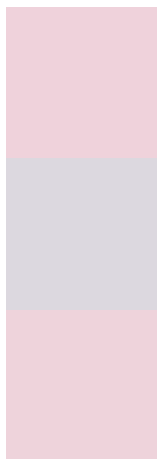


This preview shows how white text looks on a background with the XYZ color 71.4294, 69.5584,

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

71.4294, 69.5584, 76.6792

Protanopia

67.3903, 69.6551, 79.7050

Deuteranopia

71.3403, 69.8801, 76.7460



Tritanopia

72.3263, 69.5624, 80.8491

Trichromacy



Original Color

71.4294, 69.5584, 76.6792

Protanomaly

68.9099, 69.6980, 78.9283

Deuteranomaly

71.3403, 69.8801, 76.7460

Tritanomaly

72.0549, 69.4539, 79.4203

Monochromacy



Original Color

71.4294, 69.5584, 76.6792

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.1527, 70.6099, 77.6945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4294, 69.5584, 76.6792 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(239, 210, 219)` looks like.

```
.text, #text, p{  
    color:rgb(239, 210, 219)  
}
```

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(239, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 210, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.4294, 69.5584, 76.6792 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(239, 210, 219) }
```


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

```
.border{ border-color:rgb(239, 210, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 210, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 210, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 210, 219);  
box-shadow:4px 4px 4px 4px rgb(239, 210,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4294, 69.5584, 76.6792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 210, 219) }
```

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

```
.background{ background-color: rgb(239,  
210, 219) }
```

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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