

Converting Colors

XYZ(71.8907, 67.9871, 79.2653)

Have a look what the booklet for
XYZ(71.8907, 67.9871, 79.2653)
contains.

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Color

**XYZ(71.7686, 67.8676,
79.1292)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CDDF
RGB	242, 205, 223
RGB Percent	95%, 80%, 87%
CMY	0.0510, 0.1961, 0.1255
CMYK	0.00, 0.15, 0.08, 0.05
HSL	331°, 59%, 88%
HSV	331°, 15%, 95%
XYZ	71.7686, 67.8676, 79.1292
YIQ	218.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

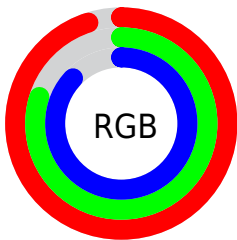
Format	Color
R _Y B	242, 205, 223
Decimal	15912415
CIE Lab	85.94, 15.91, -4.05
CIE LCh	86, 16.416, 345.701
Yxy	67.8676, 0.3281, 0.3102
Android (android.graphics.Color)	4294102495 (0xFF2CDDF)
YUV	218.1150, 2.4083, 20.9471
Hunter-Lab	82.3818, 11.3358, 0.7181

Details

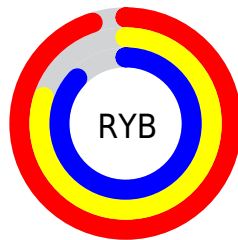
The XYZ color **71.7686, 67.8676, 79.1292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.3862, 81.8671, 82.6171**, and the grayscale version is **66.6976, 70.1710, 76.4162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3842, 35.3995, 41.8555** is the 20% darker color. If you saturate the color by 10%, you get **64.8071, 56.5279, 68.8429**, and if you desaturate by 10%, it is **79.7523, 81.0531, 90.3647**.

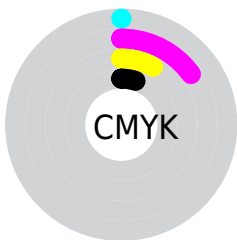
Distribution



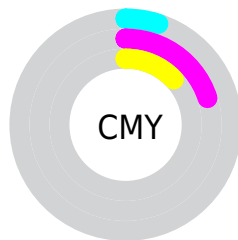
- Red (95%)
- Green (80%)
- Blue (87%)



- Red (95%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7686, 67.8676, 79.1292 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 71.7686, 67.8676, 79.1292 by changing the saturation by 10% instead.


 71.7686, 67.8676,
79.1292

 71.7686, 67.8676,
79.1292


455.9059,
453.0268, 511.6225

 53.2545, 49.7900,
58.4801


120.7401,
116.1627, 133.9410

 38.2342, 35.2466,
41.7775


151.9281,
147.1490, 168.9409

 26.3426, 23.8529,
28.6028


188.0715,
183.2071, 209.5614

 17.2141, 15.2245,
18.5376

229.5355,
224.7212, 256.2210

 10.4835, 8.9771,
11.1632

276.6857,
272.0759, 309.3384

 5.7854, 4.7263,
6.0612

329.8872,

 2.7545, 2.0876,

325.6554, 369.3321

2.8129

389.5055,
385.8443, 436.6206

■ 1.0253, 0.6576,
0.9999

■ 0.0000, 0.0000,
0.0000

■ 71.7686, 67.8676,
79.1292

■ 71.7686, 67.8676,
79.1292

■ 64.8071, 56.5279,
68.8429

■ 79.7523, 81.0531,
90.3647

■ 58.8184, 46.9420,
59.4741

■ 88.7933, 96.1531,
102.5713

■ 53.7575, 39.0232,
50.9951

■ 90.4284, 97.6175,
108.6837

■ 49.5733, 32.6742,
43.3751

■ 46.2097, 27.7871,
36.5810

■ 43.6035, 24.2406,
30.5767

■ 41.6815, 21.8931,
25.3222

■ 40.3539, 20.5707,
20.7713

■ 39.8716, 20.1788,
18.8447

Harmonies

Analogous

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



69.8201, 67.8676, 89.3210



71.7686, 67.8676, 79.1292



71.7195, 67.8676, 68.4336

Triad

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



71.7686, 67.8676, 79.1292



62.5694, 67.8676, 55.7018



59.5874, 67.8676, 89.7279

Complementary

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



71.7686, 67.8676, 79.1292



70.3862, 81.8671, 82.6171

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.



57.7934, 67.8676, 79.6422



71.7686, 67.8676, 79.1292



59.4689, 67.8676, 60.3581

Square

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



71.7686, 67.8676, 79.1292



66.3083, 67.8676, 55.5933



57.7509, 67.8676, 68.8993



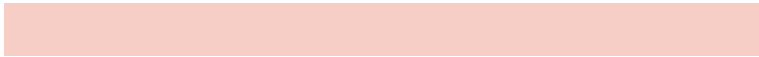
62.7369, 67.8676, 95.8310

Rectangle

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



71.7686, 67.8676, 79.1292



70.5572, 67.8676, 62.4601



57.7509, 67.8676, 68.8993



58.8113, 67.8676, 86.6495

Sweetspot

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



71.7705, 67.8706, 79.1306



90.0801, 91.7186, 102.1307



68.4467, 65.8443, 93.1071



19.1365, 19.3918, 21.6613



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.



71.7705, 67.8706, 79.1306



78.5492, 72.7037, 85.8112



69.4712, 66.9509, 67.0224



16.0932, 15.8870, 18.0470



21.4876, 10.8675, 10.4843



1.8377, 0.9241, 1.1360

Inverse Universe

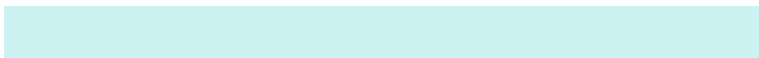
The Inverse Universe completely reimagines the original color for something new.



71.7705, 67.8706, 79.1306



78.5492, 72.7037, 85.8112



72.9581, 82.8959, 96.1607



16.0932, 15.8870, 18.0470



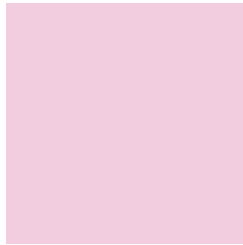
21.4876, 10.8675, 10.4843



1.8377, 0.9241, 1.1360

Previews

White Background



This preview shows how the XYZ color 71.7686, 67.8676, 79.1292 looks on a white background.

Color Contrast Check

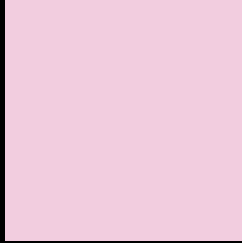
Large Text (above 18pt) WCAG AA × Fail

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 71.7686, 67.8676, 79.1292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

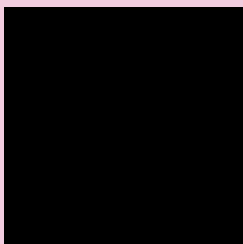
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7686, 67.8676, 79.1292

Background



This preview shows how black text looks on a background with the XYZ color 71.7686, 67.8676, 79.1292.

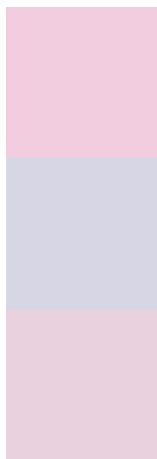


This preview shows how white text looks on a background with the XYZ color 71.7686, 67.8676,

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

71.7686, 67.8676, 79.1292

Protanopia

66.0745, 68.1416, 83.0689

Deuteranopia

69.5896, 68.1985, 78.6031



Tritanopia

71.5004, 67.7603, 77.7172

Trichromacy



Original Color

71.7686, 67.8676, 79.1292

Protanomaly

68.0731, 68.0871, 81.5058

Deuteranomaly

70.3328, 68.2185, 78.5678

Tritanomaly

71.6341, 67.8138, 78.4211

Monochromacy



Original Color

71.7686, 67.8676, 79.1292

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.3911, 69.0867, 77.4406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7686, 67.8676, 79.1292 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(242, 205, 223) looks like.

```
.text, #text, p{  
    color:rgb(242, 205, 223)  
}
```

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(242, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 205, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.7686, 67.8676, 79.1292 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(242, 205, 223) }
```


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

```
.border{ border-color:rgb(242, 205, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 205, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 205, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 205, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 205,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7686, 67.8676, 79.1292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 205, 223) }
```

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

```
.background{ background-color: rgb(242,  
205, 223) }
```

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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