

Converting Colors

XYZ(71.5133, 67.1884, 87.7968)

Have a look what the booklet for
XYZ(71.5133, 67.1884, 87.7968)
contains.

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Color

**XYZ(71.5133, 67.1884,
87.7968)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCCEB
RGB	237, 204, 235
RGB Percent	93%, 80%, 92%
CMY	0.0706, 0.2000, 0.0784
CMYK	0.00, 0.14, 0.01, 0.07
HSL	304°, 48%, 86%
HSV	304°, 14%, 93%
XYZ	71.5133, 67.1884, 87.7968
YIQ	217.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

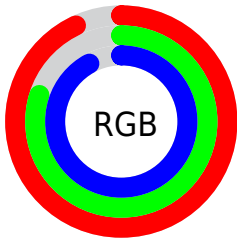
Format	Color
R_{YB}	237, 204, 235
Decimal	15584491
CIE _{Lab}	85.60, 16.84, -10.98
CIE _{LCh}	86, 20.102, 326.886
Yxy	67.1884, 0.3157, 0.2966
Android (android.graphics.Color)	4293774571 (0xFFEDCCEB)
YUV	217.4010, 8.6763, 17.1883
Hunter-Lab	81.9685, 12.2871, -6.1278

Details

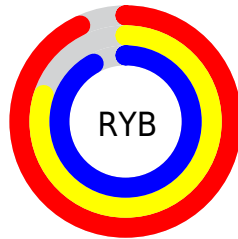
The XYZ color **71.5133, 67.1884, 87.7968** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.3292, 77.8639, 69.9293**, and the grayscale version is **66.1677, 69.6136, 75.8092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0991, 34.8911, 47.3744** is the 20% darker color. If you saturate the color by 10%, you get **66.0973, 56.6862, 84.9723**, and if you desaturate by 10%, it is **77.7921, 79.4113, 90.9188**.

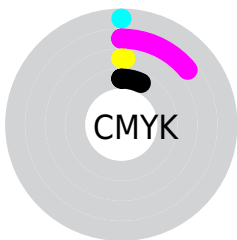
Distribution



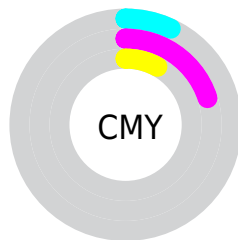
- Red (93%)
- Green (80%)
- Blue (92%)



- Red (93%)
- Yellow (80%)
- Blue (92%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5133, 67.1884, 87.7968 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 71.5133, 67.1884, 87.7968 by changing the saturation by 10% instead.


 71.5133, 67.1884,
87.7968

 71.5133, 67.1884,
87.7968


455.0298,
450.6151, 541.2216

 53.0452, 49.2377,
65.5914


120.3789,
115.1903, 146.1829

 38.0665, 34.8081,
47.4864


151.5071,
146.0104, 183.2007

 26.2118, 23.5151,
33.0633


187.5861,
181.8891, 225.9930

 17.1156, 14.9743,
21.9034

228.9811,
223.2107, 274.9784

 10.4128, 8.8014,
13.5883

276.0577,
270.3597, 330.5754

 5.7379, 4.6118,
7.6994

329.1811,

 2.7255, 2.0214,

323.7206, 393.2026

3.8182

388.7167,
383.6775, 463.2785

■ 1.0103, 0.6198,
1.5262

■ 0.0000, 0.0000,
0.2373

■ 71.5133, 67.1884,
87.7968

■ 71.5133, 67.1884,
87.7968

■ 66.0973, 56.6862,
84.9723

■ 77.7921, 79.4113,
90.9188

■ 61.4995, 47.8188,
82.4280

■ 84.9638, 93.4186,
94.3459

■ 57.6803, 40.5059,
80.1514

■ 86.3116, 95.7752,
95.8400

■ 54.5945, 34.6572,
78.1275

■ 86.5251, 95.8606,
96.9643

52.1923, 30.1729,
76.3397

86.7403, 95.9467,
98.0976

50.4175, 26.9408,
74.7692

86.9572, 96.0334,
99.2398

49.2051, 24.8309,
73.3943

87.1758, 96.1209,
100.3909

48.4760, 23.6850,
72.1887

87.3961, 96.2090,
101.5510

48.1957, 23.3128,
71.5141

87.6181, 96.2978,
102.7201

Harmonies

Analogous

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



67.9206, 67.1884, 97.9981



71.5133, 67.1884, 87.7968



73.0505, 67.1884, 74.5336

Triad

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



71.5133, 67.1884, 87.7968



64.3395, 67.1884, 50.7796



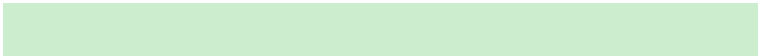
56.3336, 67.1884, 85.1475

Complementary

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



71.5133, 67.1884, 87.7968



66.3292, 77.8639, 69.9293

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.



55.4756, 67.1884, 71.7970



71.5133, 67.1884, 87.7968



59.9657, 67.1884, 52.9139

Square

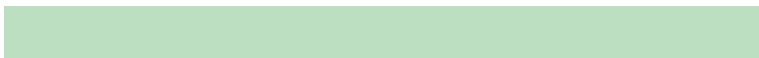
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5133, 67.1884, 87.7968



68.7864, 67.1884, 54.0241



56.7742, 67.1884, 60.2419



59.1756, 67.1884, 96.3448

Rectangle

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



71.5133, 67.1884, 87.7968



72.6507, 67.1884, 66.0822



56.7742, 67.1884, 60.2419



55.8097, 67.1884, 80.7190

Sweetspot

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



71.5153, 67.1913, 87.7982



91.7825, 93.6241, 107.3205



62.2384, 62.3753, 88.8812



19.5178, 19.7909, 22.9088



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.



71.5153, 67.1913, 87.7982



82.3258, 75.2241, 102.5857



69.2866, 66.2998, 76.0622



15.6731, 15.2971, 18.8298



26.3306, 12.7349, 39.1379



2.0796, 1.0048, 3.1365

Inverse Universe

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



71.5153, 67.1913, 87.7982



82.3258, 75.2241, 102.5857



68.3933, 78.6895, 80.7989



15.6731, 15.2971, 18.8298



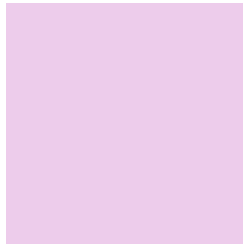
26.3306, 12.7349, 39.1379



2.0796, 1.0048, 3.1365

Previews

White Background



This preview shows how the XYZ color 71.5133, 67.1884, 87.7968 looks on a white background.

Color Contrast Check

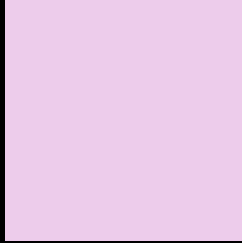
Large Text (above 18pt) WCAG AA × Fail

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 71.5133, 67.1884, 87.7968 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 71.5133, 67.1884, 87.7968

Background



This preview shows how black text looks on a background with the XYZ color 71.5133, 67.1884, 87.7968.



This preview shows how white text looks on a background with the XYZ color 71.5133, 67.1884,

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

71.5133, 67.1884, 87.7968

Protanopia

66.1008, 67.5814, 91.9987

Deuteranopia

68.7712, 67.2210, 87.1922



Tritanopia

69.5171, 67.0787, 78.3908

Trichromacy



Original Color

71.5133, 67.1884, 87.7968

Protanomaly

67.9944, 67.4819, 90.3305

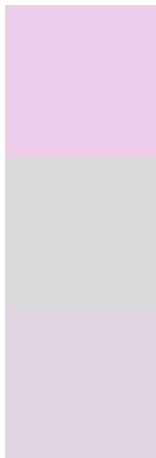
Deuteranomaly

69.7972, 67.3892, 87.1706

Tritanomaly

70.2885, 67.0416, 81.9088

Monochromacy



Original Color

71.5133, 67.1884, 87.7968

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.7385, 68.3161, 80.1371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5133, 67.1884, 87.7968 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, 204, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 235)  
}
```

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, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 235) }
```

Border

The CSS property to change the border of an element to XYZ 71.5133, 67.1884, 87.7968 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, 204, 235) }
```


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

```
.border{ border-color:rgb(237, 204, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 204, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 204,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5133, 67.1884, 87.7968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 204, 235) }
```

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

```
.background{ background-color: rgb(237,  
204, 235) }
```

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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