

Converting Colors

XYZ(69.9698, 60.3189, 79.3904)

Have a look what the booklet for
XYZ(69.9698, 60.3189, 79.3904)
contains.

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Color

**XYZ(70.0065, 60.2739,
79.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B9E1
RGB	249, 185, 225
RGB Percent	98%, 73%, 88%
CMY	0.0235, 0.2745, 0.1176
CMYK	0.00, 0.26, 0.10, 0.02
HSL	323°, 84%, 85%
HSV	323°, 26%, 98%
XYZ	70.0065, 60.2739, 79.1784
YIQ	208.6960, 25.3040, 26.0080

Conversions

Conversions Part 2

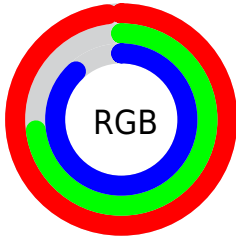
Format	Color
R _Y B	249, 185, 225
Decimal	16366049
CIE Lab	81.99, 29.19, -10.91
CIE LCh	82, 31.162, 339.510
Yxy	60.2739, 0.3342, 0.2878
Android (android.graphics.Color)	4294556129 (0xFFFF9B9E1)
YUV	208.6960, 8.0379, 35.3466
Hunter-Lab	77.6363, 25.0943, -6.1223

Details

The XYZ color **70.0065, 60.2739, 79.1784** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.3944, 82.6708, 72.8358**, and the grayscale version is **60.3456, 63.4882, 69.1387**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **37.1102, 30.3413, 41.9308** is the 20% darker color. If you saturate the color by 10%, you get **64.0076, 50.2587, 71.0648**, and if you desaturate by 10%, it is **76.9908, 72.1467, 87.9656**.

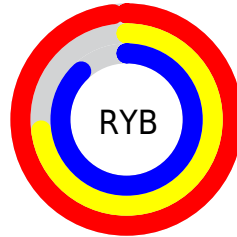
Distribution



Red (98%)

Green (73%)

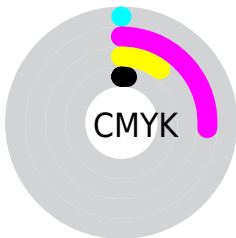
Blue (88%)



Red (98%)

Yellow (73%)

Blue (88%)

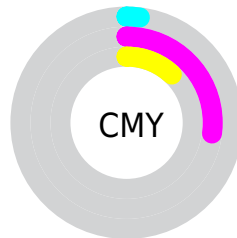


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (2%)



Cyan (2%)

Magenta (27%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0065, 60.2739, 79.1784 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 70.0065, 60.2739, 79.1784 by changing the saturation by 10% instead.

70.0065, 60.2739,
79.1784

70.0065, 60.2739,
79.1784

449.8389,
425.6066, 511.7932

51.8114, 43.6394,
58.5203

118.2442,
105.2269, 134.0109

37.0785, 30.3872,
41.8096

149.0176,
134.3142, 169.0224

25.4422, 20.1326,
28.6278

184.7145,
168.3213, 209.6555

16.5373, 12.4915,
18.5563

225.7003,
207.6325, 256.3287

9.9984, 7.0793,
11.1765

272.3402,
252.6322, 309.4605

5.4602, 3.5118,
6.0700


324.9998,


2.5572, 1.4044,


303.7049, 369.4695


2.8182

384.0442,
361.2349, 436.7742


 0.9242, 0.2200,
1.0026


 0.0000, 0.0000,
0.0000


 70.0065, 60.2739,
79.1784


 70.0065, 60.2739,
79.1784


 64.0076, 50.2587,
71.0648


 76.9908, 72.1467,
87.9656


 58.9401, 41.9973,
63.5993

 85.0004, 85.9577,
97.4430

 54.7528, 35.3884,
56.7600

 92.5595, 98.7528,
107.1245

 51.3870, 30.3166,
50.5216

 92.8773, 98.8800,
108.7983

■ 48.7768, 26.6517,
44.8562

■ 46.8451, 24.2414,
39.7322

■ 45.4968, 22.8978,
35.1116

■ 45.0358, 22.5274,
33.2580

Harmonies

Analogous

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



65.7406, 60.2739, 97.8222



70.0065, 60.2739, 79.1784



70.7267, 60.2739, 59.8089

Triad

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



70.0065, 60.2739, 79.1784



55.2189, 60.2739, 35.9321



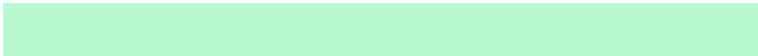
48.0518, 60.2739, 91.5500

Complementary

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



70.0065, 60.2739, 79.1784



65.3944, 82.6708, 72.8358

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.



45.6704, 60.2739, 71.8129



70.0065, 60.2739, 79.1784



49.5939, 60.2739, 41.4081

Square

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



70.0065, 60.2739, 79.1784



61.8428, 60.2739, 37.1492



46.2124, 60.2739, 53.7192



52.9635, 60.2739, 105.8623

Rectangle

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



70.0065, 60.2739, 79.1784



69.0476, 60.2739, 49.3158



46.2124, 60.2739, 53.7192



46.9466, 60.2739, 85.1908

Sweetspot

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



70.0083, 60.2766, 79.1797



87.6764, 87.1849, 100.4860



60.5942, 55.0182, 97.0494



18.4869, 18.1781, 21.1809



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.



70.0083, 60.2766, 79.1797



70.3945, 57.7466, 78.9237



66.1034, 58.7146, 58.6167



17.7009, 17.4077, 20.2805



24.1779, 12.0869, 18.1771



2.2907, 1.1400, 1.9541

Inverse Universe

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



70.0083, 60.2766, 79.1797



70.3945, 57.7466, 78.9237



69.6829, 84.3863, 95.4189



17.7009, 17.4077, 20.2805



24.1779, 12.0869, 18.1771



2.2907, 1.1400, 1.9541

Previews

White Background



This preview shows how the XYZ color 70.0065, 60.2739, 79.1784 looks on a white background.

Color Contrast Check

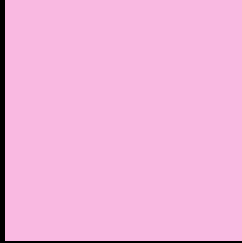
Large Text (above 18pt) WCAG AA × Fail

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 70.0065, 60.2739, 79.1784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

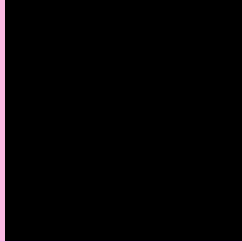
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0065, 60.2739, 79.1784

Background



This preview shows how black text looks on a background with the XYZ color 70.0065, 60.2739, 79.1784.



This preview shows how white text looks on a background with the XYZ color 70.0065, 60.2739, 79.1784.

79.1784.

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

70.0065, 60.2739, 79.1784

Protanopia

59.7850, 60.7738, 87.9364

Deuteranopia

61.9271, 60.7197, 77.5634



Tritanopia

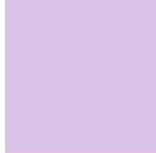
66.9831, 60.2998, 64.6085

Trichromacy



Original Color

70.0065, 60.2739, 79.1784



Protanomaly

62.9207, 60.0578, 84.6200



Deuteranomaly

64.6060, 60.4053, 78.0663



Tritanomaly

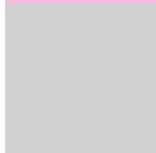
68.0989, 60.4437, 69.7056

Monochromacy



Original Color

70.0065, 60.2739, 79.1784



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

63.6605, 62.0621, 72.9139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0065, 60.2739, 79.1784 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(249, 185, 225)` looks like.

```
.text, #text, p{  
    color:rgb(249, 185, 225)  
}
```

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(249, 185, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 185, 225) }
```

Border

The CSS property to change the border of an element to XYZ 70.0065, 60.2739, 79.1784 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(249, 185, 225) }
```


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

```
.border{ border-color:rgb(249, 185, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 185, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 185, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 185, 225);  
box-shadow:4px 4px 4px 4px rgb(249, 185,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0065, 60.2739, 79.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 185, 225) }
```

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

```
.background{ background-color: rgb(249,  
185, 225) }
```

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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