

Converting Colors

XYZ(68.9288, 60.7325, 80.1187)

Have a look what the booklet for
XYZ(68.9288, 60.7325, 80.1187)
contains.

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Color

**XYZ(69.0189, 60.6905,
80.0283)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BCE2
RGB	244, 188, 226
RGB Percent	96%, 74%, 89%
CMY	0.0431, 0.2627, 0.1137
CMYK	0.00, 0.23, 0.07, 0.04
HSL	319°, 72%, 85%
HSV	319°, 23%, 96%
XYZ	69.0189, 60.6905, 80.0283
YIQ	209.0760, 21.1780, 23.6900

Conversions

Conversions Part 2

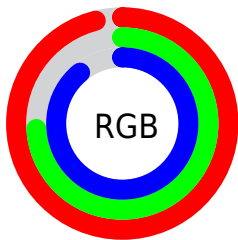
Format	Color
RYB	244, 188, 226
Decimal	16039138
CIELab	82.21, 26.09, -11.16
CIELCh	82, 28.373, 336.837
Yxy	60.6905, 0.3291, 0.2894
Android (android.graphics.Color)	4294229218 (0xFFFF4BCE2)
YUV	209.0760, 8.3435, 30.6283
Hunter-Lab	77.9041, 21.8093, -6.3738

Details

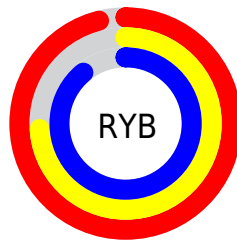
The XYZ color **69.0189, 60.6905, 80.0283** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.2327, 79.8507, 70.4233**, and the grayscale version is **60.5930, 63.7486, 69.4222**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **36.3693, 30.5553, 42.5090** is the 20% darker color. If you saturate the color by 10%, you get **63.1891, 50.7135, 72.8962**, and if you desaturate by 10%, it is **75.7827, 72.4550, 87.7160**.

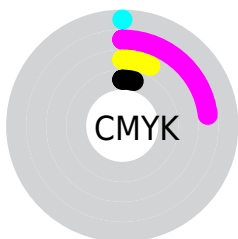
Distribution



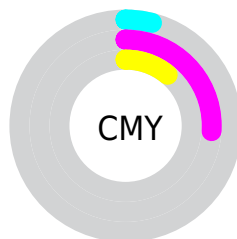
- Red (96%)
- Green (74%)
- Blue (89%)



- Red (96%)
- Yellow (74%)
- Blue (89%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0189, 60.6905, 80.0283 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 69.0189, 60.6905, 80.0283 by changing the saturation by 10% instead.


 69.0189, 60.6905,
80.0283

 69.0189, 60.6905,
80.0283


446.4180,
427.1383, 514.7375

 51.0038, 43.9754,
59.2153


 116.8425,
105.8307, 135.2173

 36.4327, 30.6512,
42.3653


147.3817,
135.0246, 170.4304

 24.9402, 20.3334,
29.0598


182.8263,
169.1469, 211.2806

 16.1610, 12.6376,
18.8801

223.5417,
208.5820, 258.1865

 9.7297, 7.1795,
11.4077

269.8932,
253.7143, 311.5666

 5.2810, 3.5746,
6.2242


322.2462,


 2.4495, 1.4386,


304.9282, 371.8394


2.9109


380.9660,
362.6080, 439.4235


 0.8699, 0.2449,
1.0493


 0.0000, 0.0000,
0.0000


 69.0189, 60.6905,
80.0283


 69.0189, 60.6905,
80.0283


 63.1891, 50.7135,
72.8962


 75.7827, 72.4550,
87.7160


 58.2431, 42.4269,
66.2977

 83.5168, 86.0814,
95.9727

 54.1337, 35.7370,
60.2146

 90.2506, 97.6261,
104.1450

 50.8073, 30.5375,
54.6256

 91.1186, 97.9733,
108.7160

■ 48.2037, 26.7089,
49.5072

■ 46.2533, 24.1136,
44.8328

■ 44.8722, 22.5846,
40.5707

■ 44.1518, 21.9706,
37.7819

Harmonies

Analogous

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



64.9216, 60.6905, 96.3925



69.0189, 60.6905, 80.0283



69.9842, 60.6905, 62.2058

Triad

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



69.0189, 60.6905, 80.0283



56.3148, 60.6905, 38.2826



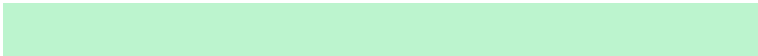
48.8905, 60.6905, 88.0647

Complementary

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



69.0189, 60.6905, 80.0283



64.2327, 79.8507, 70.4233

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.



46.9176, 60.6905, 70.1152



69.0189, 60.6905, 80.0283



51.0063, 60.6905, 42.9016

Square

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



69.0189, 60.6905, 80.0283



62.3683, 60.6905, 40.0046



47.6643, 60.6905, 53.8574



53.2413, 60.6905, 101.5684

Rectangle

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



69.0189, 60.6905, 80.0283



68.6654, 60.6905, 52.1912



47.6643, 60.6905, 53.8574



47.9415, 60.6905, 82.2409

Sweetspot

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



69.0207, 60.6932, 80.0296



88.7074, 88.7712, 102.2962



59.6945, 55.5848, 93.1716



18.8755, 18.8040, 21.7769



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.



69.0207, 60.6932, 80.0296



72.8699, 61.2040, 84.3528



65.5174, 59.2919, 61.5817



16.9738, 16.6724, 19.6084



24.0722, 11.9723, 20.8864



2.1625, 1.0710, 2.0822

Inverse Universe

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



69.0207, 60.6932, 80.0296



72.8699, 61.2040, 84.3528



67.9047, 81.3195, 89.7599



16.9738, 16.6724, 19.6084



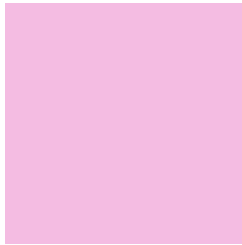
24.0722, 11.9723, 20.8864



2.1625, 1.0710, 2.0822

Previews

White Background



This preview shows how the XYZ color 69.0189, 60.6905, 80.0283 looks on a white background.

Color Contrast Check

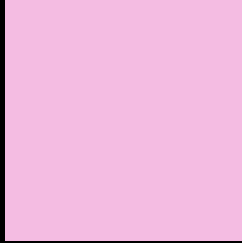
Large Text (above 18pt) WCAG AA × Fail

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 69.0189, 60.6905, 80.0283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

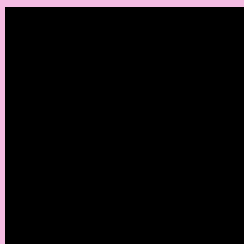
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0189, 60.6905, 80.0283

Background



This preview shows how black text looks on a background with the XYZ color 69.0189, 60.6905, 80.0283.



This preview shows how white text looks on a background with the XYZ color 69.0189, 60.6905,

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

69.0189, 60.6905, 80.0283

Protanopia

60.0494, 60.9101, 87.9488

Deuteranopia

62.1969, 60.8276, 78.9838



Tritanopia

66.0470, 60.4186, 66.5734

Trichromacy



Original Color

69.0189, 60.6905, 80.0283

Protanomaly

62.7839, 60.6614, 84.7437

Deuteranomaly

64.4697, 60.6352, 79.5400

Tritanomaly

67.0416, 60.5083, 71.0966

Monochromacy



Original Color

69.0189, 60.6905, 80.0283

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.2766, 62.2092, 72.9625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0189, 60.6905, 80.0283 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(244, 188, 226)` looks like.

```
.text, #text, p{  
    color:rgb(244, 188, 226)  
}
```

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(244, 188, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 188, 226) }
```

Border

The CSS property to change the border of an element to XYZ 69.0189, 60.6905, 80.0283 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(244, 188, 226) }
```


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

```
.border{ border-color:rgb(244, 188, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 188, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 188, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 188, 226);  
box-shadow:4px 4px 4px 4px rgb(244, 188,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0189, 60.6905, 80.0283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 188, 226) }
```

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

```
.background{ background-color: rgb(244,  
188, 226) }
```

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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