

Converting Colors

XYZ(75.4080, 66.0070, 84.7017)

Have a look what the booklet for
XYZ(75.4080, 66.0070, 84.7017)
contains.

XYZ(75.1789, 66.0597, 84.3898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.1789, 66.0597,
84.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3E7
RGB	255, 195, 231
RGB Percent	100%, 76%, 91%
CMY	0.0000, 0.2353, 0.0941
CMYK	0.00, 0.24, 0.09, 0.00
HSL	324°, 100%, 88%
HSV	324°, 24%, 100%
XYZ	75.1789, 66.0597, 84.3898
YIQ	217.0440, 24.2040, 23.9160

Conversions

Conversions Part 2

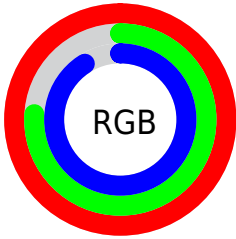
Format	Color
R _Y B	255, 195, 231
Decimal	16761831
CIE Lab	85.03, 26.94, -9.53
CIE LCh	85, 28.580, 340.524
Yxy	66.0597, 0.3332, 0.2928
Android (android.graphics.Color)	4294951911 (0xFFFFC3E7)
YUV	217.0440, 6.8803, 33.2874
Hunter-Lab	81.2771, 22.8722, -4.6667

Details

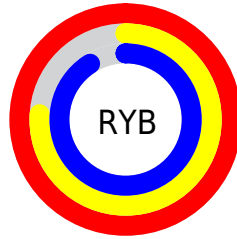
The XYZ color **75.1789, 66.0597, 84.3898** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.0540, 88.2376, 80.3076**, and the grayscale version is **65.9276, 69.3609, 75.5341**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **40.5514, 34.1507, 45.0119** is the 20% darker color. If you saturate the color by 10%, you get **68.5469, 55.0344, 75.2775**, and if you desaturate by 10%, it is **82.8735, 79.0753, 94.2723**.

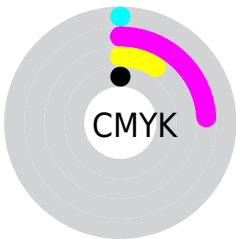
Distribution



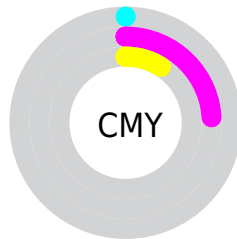
- Red (100%)
- Green (76%)
- Blue (91%)



- Red (100%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1789, 66.0597, 84.3898 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 75.1789, 66.0597, 84.3898 by changing the saturation by 10% instead.

 75.1789, 66.0597,
84.3898

 75.1789, 66.0597,
84.3898


467.5200,
446.5904, 529.6986

 56.0542, 48.3209,
62.7901


 125.5521,
113.5720, 141.3869

 40.4835, 34.0811,
45.2315


157.5313,
144.1143, 177.6213

 28.1016, 22.9559,
31.2955


194.5260,
179.6932, 219.5711

 18.5431, 14.5609,
20.5636

236.9016,
220.6930, 267.6547

 11.4427, 8.5118,
12.6173

285.0235,
267.4983, 322.2908

 6.4349, 4.4242,
7.0379

339.2569,

 3.1544, 1.9135,

320.4933, 383.8977

3.4070

399.9673,
380.0626, 452.8941

■ 1.2359, 0.5565,
1.3060

■ 0.1345, 0.0000,
0.0667

■ 75.1789, 66.0597,
84.3898

■ 75.1789, 66.0597,
84.3898

■ 68.5469, 55.0344,
75.2775

■ 82.8735, 79.0753,
94.2723

■ 62.9220, 45.8914,
66.9073

■ 91.6736, 94.1655,
104.9436

■ 58.2503, 38.5252,
59.2550

95.0500, 100.0000,
108.9000

■ 54.4710, 32.8162,
52.2929

■ 51.5155, 28.6300,
45.9905

■ 49.3048, 25.8110,
40.3138

■ 47.7429, 24.1698,
35.2226

■ 46.9894, 23.5598,
32.2060

Harmonies

Analogous

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



71.1679, 66.0597, 102.3365



75.1789, 66.0597, 84.3898



75.7434, 66.0597, 65.6530

Triad

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



75.1789, 66.0597, 84.3898



60.5567, 66.0597, 42.4316



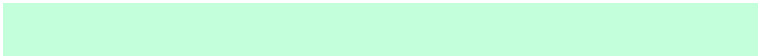
53.8517, 66.0597, 97.4727

Complementary

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



75.1789, 66.0597, 84.3898



71.0540, 88.2376, 80.3076

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.



51.4007, 66.0597, 78.5902



75.1789, 66.0597, 84.3898



55.0927, 66.0597, 48.2322

Square

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



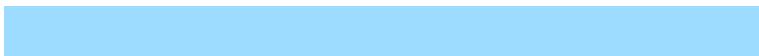
75.1789, 66.0597, 84.3898



67.0004, 66.0597, 43.4456



51.8390, 66.0597, 60.7573



58.7555, 66.0597, 110.7368

Rectangle

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



75.1789, 66.0597, 84.3898



74.0504, 66.0597, 55.4024



51.8390, 66.0597, 60.7573



52.7293, 66.0597, 91.4502

Sweetspot

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



75.1804, 66.0624, 84.3912



88.4891, 88.6839, 101.1467



66.7809, 61.3135, 102.9227



18.8249, 18.7837, 21.5104



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.



75.1804, 66.0624, 84.3912



72.0853, 60.8901, 80.2212



71.2997, 64.5101, 63.9554



18.4670, 18.1701, 21.0764



24.6287, 12.3408, 17.2273



2.4520, 1.2232, 1.9617

Inverse Universe

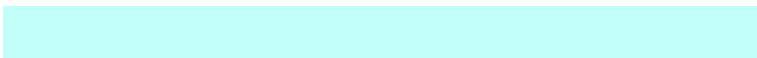
The Inverse Universe completely reimagines the original color for something new.



75.1804, 66.0624, 84.3912



72.0853, 60.8901, 80.2212



75.3662, 89.9625, 103.0153



18.4670, 18.1701, 21.0764



24.6287, 12.3408, 17.2273



2.4520, 1.2232, 1.9617

Previews

White Background



This preview shows how the XYZ color 75.1789, 66.0597, 84.3898 looks on a white background.

Color Contrast Check

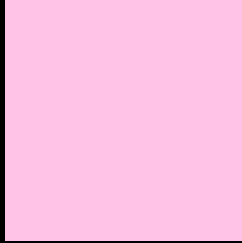
Large Text (above 18pt) WCAG AA × Fail

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 75.1789, 66.0597, 84.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

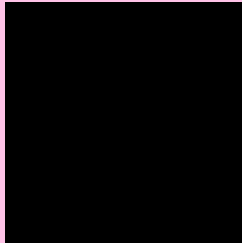
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1789, 66.0597, 84.3898

Background



This preview shows how black text looks on a background with the XYZ color 75.1789, 66.0597, 84.3898.



This preview shows how white text looks on a background with the XYZ color 75.1789, 66.0597,

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

75.1789, 66.0597, 84.3898

Protanopia

65.1839, 66.3493, 92.5902

Deuteranopia

67.8197, 66.4515, 83.3807



Tritanopia

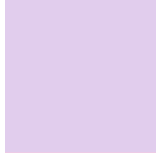
72.7123, 66.0749, 71.8722

Trichromacy



Original Color

75.1789, 66.0597, 84.3898



Protanomaly

68.1687, 65.7846, 89.2256



Deuteranomaly

70.5639, 66.4296, 83.9660



Tritanomaly

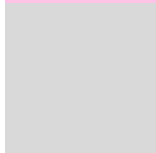
73.7576, 66.1706, 76.5949

Monochromacy



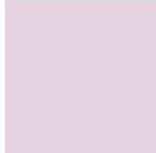
Original Color

75.1789, 66.0597, 84.3898



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

68.9403, 67.8638, 78.5727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1789, 66.0597, 84.3898 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(255, 195, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 231)  
}
```

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(255, 195, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.1789, 66.0597, 84.3898 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(255, 195, 231) }
```


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

```
.border{ border-color:rgb(255, 195, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1789, 66.0597, 84.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 231) }
```

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

```
.background{ background-color: rgb(255,  
195, 231) }
```

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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