

Converting Colors

XYZ(75.2771, 63.8878, 91.7234)

Have a look what the booklet for
XYZ(75.2771, 63.8878, 91.7234)
contains.

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Color

**XYZ(75.3148, 64.0061,
91.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDF1
RGB	255, 189, 241
RGB Percent	100%, 74%, 95%
CMY	0.0000, 0.2588, 0.0549
CMYK	0.00, 0.26, 0.05, 0.00
HSL	313°, 100%, 87%
HSV	313°, 26%, 100%
XYZ	75.3148, 64.0061, 91.6040
YIQ	214.6620, 22.6440, 30.1640

Conversions

Conversions Part 2

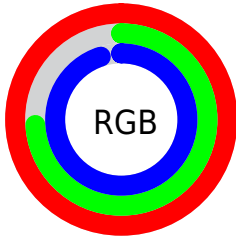
Format	Color
R _Y B	255, 189, 241
Decimal	16760305
CIE Lab	83.97, 31.78, -16.45
CIE LCh	84, 35.785, 332.642
Yxy	64.0061, 0.3261, 0.2772
Android (android.graphics.Color)	4294950385 (0xFFFFBDF1)
YUV	214.6620, 12.9846, 35.3764
Hunter-Lab	80.0038, 28.0315, -11.8841

Details

The XYZ color **75.3148, 64.0061, 91.6040** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.5278, 86.6516, 69.6692**, and the grayscale version is **64.2685, 67.6155, 73.6333**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **40.7096, 32.8365, 50.0914** is the 20% darker color. If you saturate the color by 10%, you get **69.5083, 53.6669, 85.7417**, and if you desaturate by 10%, it is **82.1124, 76.2887, 97.9167**.

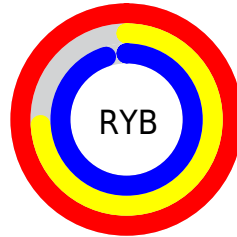
Distribution



Red (100%)

Green (74%)

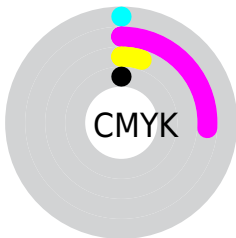
Blue (95%)



Red (100%)

Yellow (74%)

Blue (95%)

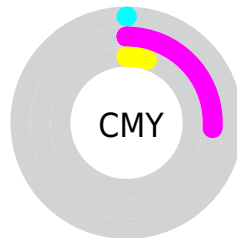


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3148, 64.0061, 91.6040 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 75.3148, 64.0061, 91.6040 by changing the saturation by 10% instead.


 75.3148, 64.0061,
91.6040

 75.3148, 64.0061,
91.6040


467.9794,
439.2117, 553.9391

 56.1659, 46.6556,
68.7306


 125.7434,
110.6197, 151.5194

 40.5735, 32.7635,
50.0219


157.7538,
140.6516, 189.3984

 28.1722, 21.9453,
35.0595


194.7821,
175.6795, 233.1163

 18.5966, 13.8167,
23.4248

237.1937,
216.0877, 283.0917

 11.4814, 7.9933,
14.6993

285.3538,
262.2606, 339.7432

 6.4613, 4.0907,
8.4643


339.6279,


 3.1709, 1.7244,


314.5827, 403.4892

4.3015


400.3813,
373.4382, 474.7483


 1.2447, 0.4394,
1.7921


 0.1413, 0.0000,
0.4228

 75.3148, 64.0061,
91.6040


 75.3148, 64.0061,
91.6040

 69.5083, 53.6669,
85.7417


 82.1124, 76.2887,
97.9167

 64.6380, 45.1621,
80.3080

 89.9439, 90.6005,
104.6926

 60.6499, 38.3842,
75.2848

95.0500, 100.0000,
108.9000

 57.4829, 33.2111,
70.6505

■ 55.0678, 29.5045,
66.3811

■ 53.3236, 27.1031,
62.4486

■ 52.1500, 25.8065,
58.8183

■ 51.7719, 25.4728,
57.3902

Harmonies

Analogous

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



69.3829, 64.0061, 113.0069



75.3148, 64.0061, 91.6040



77.2675, 64.0061, 67.7101

Triad

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



75.3148, 64.0061, 91.6040



60.1400, 64.0061, 34.7012



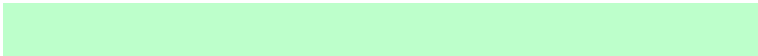
48.9446, 64.0061, 95.8254

Complementary

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



75.3148, 64.0061, 91.6040



67.5278, 86.6516, 69.6692

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.



46.9164, 64.0061, 71.7117



75.3148, 64.0061, 91.6040



53.0212, 64.0061, 39.1574

Square

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



75.3148, 64.0061, 91.6040



68.0705, 64.0061, 37.8109



48.3428, 64.0061, 51.5862



54.1329, 64.0061, 115.7908

Rectangle

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



75.3148, 64.0061, 91.6040



75.9242, 64.0061, 54.2811



48.3428, 64.0061, 51.5862



47.8919, 64.0061, 87.7737

Sweetspot

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



75.3162, 64.0087, 91.6053



88.1950, 87.3923, 103.2165



60.6614, 56.2029, 102.2588



18.6179, 18.2305, 21.8712



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.



75.3162, 64.0087, 91.6053



72.2222, 58.4777, 88.5483



70.9233, 62.2515, 68.4722



18.6179, 18.2305, 21.8712



27.1089, 13.3328, 30.2875



2.6788, 1.3139, 3.1558

Inverse Universe

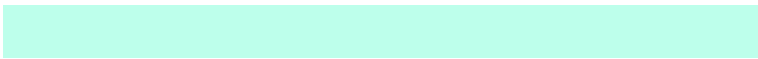
The Inverse Universe completely reimagines the original color for something new.



75.3162, 64.0087, 91.6053



72.2222, 58.4777, 88.5483



71.7723, 88.3494, 92.0205



18.6179, 18.2305, 21.8712



27.1089, 13.3328, 30.2875



2.6788, 1.3139, 3.1558

Previews

White Background



This preview shows how the XYZ color 75.3148, 64.0061, 91.6040 looks on a white background.

Color Contrast Check

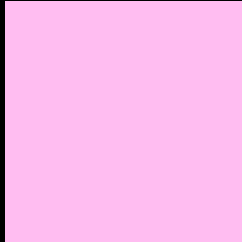
Large Text (above 18pt) WCAG AA × Fail

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 75.3148, 64.0061, 91.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

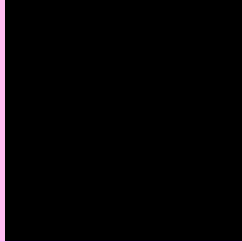
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3148, 64.0061, 91.6040

Background



This preview shows how black text looks on a background with the XYZ color 75.3148, 64.0061, 91.6040.



This preview shows how white text looks on a background with the XYZ color 75.3148, 64.0061,

91.6040.

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

75.3148, 64.0061, 91.6040

Protanopia

64.2647, 64.5469, 102.8376

Deuteranopia

65.6408, 64.1105, 89.8038



Tritanopia

70.9316, 64.1926, 69.6247

Trichromacy



Original Color

75.3148, 64.0061, 91.6040



Protanomaly

67.5007, 63.8285, 98.3850



Deuteranomaly

68.9584, 64.0678, 90.3932



Tritanomaly

72.2660, 64.0558, 76.9618

Monochromacy



Original Color

75.3148, 64.0061, 91.6040



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

68.1590, 66.3474, 79.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3148, 64.0061, 91.6040 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, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 241)  
}
```

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, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.3148, 64.0061, 91.6040 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, 189, 241) }
```


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

```
.border{ border-color:rgb(255, 189, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3148, 64.0061, 91.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 241) }
```

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

```
.background{ background-color: rgb(255,  
189, 241) }
```

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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