

Converting Colors

XYZ(75.2467, 64.1887, 90.5985)

Have a look what the booklet for
XYZ(75.2467, 64.1887, 90.5985)
contains.

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Color

**XYZ(75.3816, 64.3782,
90.8913)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEF0
RGB	255, 190, 240
RGB Percent	100%, 75%, 94%
CMY	0.0000, 0.2549, 0.0588
CMYK	0.00, 0.25, 0.06, 0.00
HSL	314°, 100%, 87%
HSV	314°, 25%, 100%
XYZ	75.3816, 64.3782, 90.8913
YIQ	215.1350, 22.6900, 29.3300

Conversions

Conversions Part 2

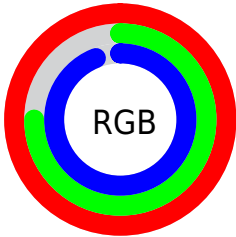
Format	Color
R_{YB}	255, 190, 240
Decimal	16760560
CIE _{Lab}	84.16, 31.09, -15.62
CIE _{LCh}	84, 34.790, 333.320
Yxy	64.3782, 0.3268, 0.2791
Android (android.graphics.Color)	4294950640 (0xFFFFBEF0)
YUV	215.1350, 12.2584, 34.9616
Hunter-Lab	80.2360, 27.2874, -10.9984

Details

The XYZ color **75.3816, 64.3782, 90.8913** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.0167, 86.8759, 70.9445**, and the grayscale version is **64.5930, 67.9569, 74.0050**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **40.7446, 33.0748, 49.5840** is the 20% darker color. If you saturate the color by 10%, you get **69.4742, 53.9396, 84.6794**, and if you desaturate by 10%, it is **82.2865, 76.7658, 97.5773**.

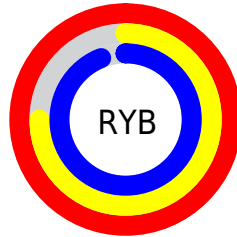
Distribution



Red (100%)

Green (75%)

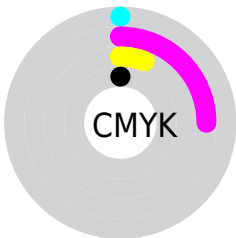
Blue (94%)



Red (100%)

Yellow (75%)

Blue (94%)

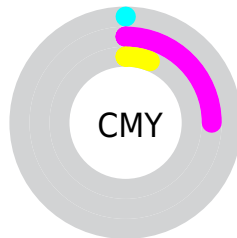


Cyan (0%)

Magenta (25%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3816, 64.3782, 90.8913 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 75.3816, 64.3782, 90.8913 by changing the saturation by 10% instead.


 75.3816, 64.3782,
90.8913

 75.3816, 64.3782,
90.8913


468.2051,
440.5541, 551.5707

 56.2208, 46.9571,
68.1422


 125.8374,
111.1554, 150.5222

 40.6177, 33.0017,
49.5461

157.8632,
141.2803, 188.2410

 28.2068, 22.1278,
34.6842


194.9080,
176.4085, 231.7869

 18.6229, 13.9508,
23.1381

237.3372,
216.9246, 281.5784

 11.5005, 8.0865,
14.4893

285.5162,
263.2127, 338.0340

 6.4743, 4.1503,
8.3191


339.8102,


 3.1789, 1.7580,


315.6574, 401.5722


4.2091


400.5848,
374.6431, 472.6116


 1.2491, 0.4608,
1.7408


 0.1446, 0.0000,
0.3884


 75.3816, 64.3782,
90.8913


 75.3816, 64.3782,
90.8913

 69.4742, 53.9396,
84.6794

 82.2865, 76.7658,
97.5773

 64.5093, 45.3413,
78.9194

 90.2314, 91.1879,
104.7503

 60.4331, 38.4760,
73.5929

95.0500, 100.0000,
108.9000

 57.1848, 33.2223,
68.6782

■ 54.6953, 29.4425,
64.1511

■ 52.8842, 26.9765,
59.9832

■ 51.6521, 25.6258,
56.1402

■ 51.2213, 25.2525,
54.4906

Harmonies

Analogous

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



69.6803, 64.3782, 111.7910



75.3816, 64.3782, 90.8913



77.1771, 64.3782, 67.6719

Triad

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



75.3816, 64.3782, 90.8913



60.3368, 64.3782, 35.7393



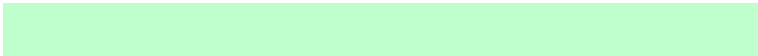
49.6424, 64.3782, 96.0388

Complementary

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



75.3816, 64.3782, 90.8913



68.0167, 86.8759, 70.9445

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.



47.5781, 64.3782, 72.5792



75.3816, 64.3782, 90.8913



53.4182, 64.3782, 40.3214

Square

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



75.3816, 64.3782, 90.8913



68.0747, 64.3782, 38.6481



48.9009, 64.3782, 52.7438



54.7851, 64.3782, 115.1737

Rectangle

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



75.3816, 64.3782, 90.8913



75.8036, 64.3782, 54.6281



48.9009, 64.3782, 52.7438



48.5859, 64.3782, 88.2407

Sweetspot

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



75.3831, 64.3808, 90.8926



88.1351, 87.3683, 102.9015



61.3907, 56.8993, 102.3548



18.6028, 18.2244, 21.7914



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.



75.3831, 64.3808, 90.8926



72.0062, 58.3913, 87.4106



71.0918, 62.6643, 68.2949



18.6028, 18.2244, 21.7914



26.8243, 13.2190, 28.7888



2.6533, 1.3037, 3.0218

Inverse Universe

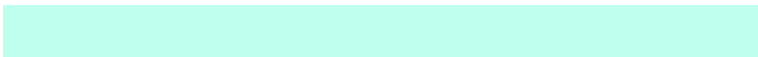
The Inverse Universe completely reimagines the original color for something new.



75.3831, 64.3808, 90.8926



72.0062, 58.3913, 87.4106



72.2222, 88.5581, 93.0902



18.6028, 18.2244, 21.7914



26.8243, 13.2190, 28.7888



2.6533, 1.3037, 3.0218

Previews

White Background



This preview shows how the XYZ color 75.3816, 64.3782, 90.8913 looks on a white background.

Color Contrast Check

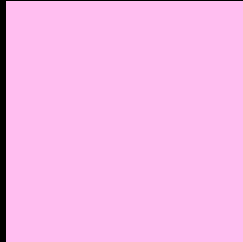
Large Text (above 18pt) WCAG AA × Fail

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 75.3816, 64.3782, 90.8913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

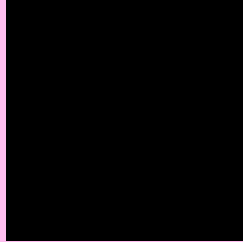
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3816, 64.3782, 90.8913

Background



This preview shows how black text looks on a background with the XYZ color 75.3816, 64.3782, 90.8913.



This preview shows how white text looks on a background with the XYZ color 75.3816, 64.3782,

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

75.3816, 64.3782, 90.8913

Protanopia

64.2140, 64.5575, 101.1719

Deuteranopia

66.0308, 64.6825, 89.1255



Tritanopia

70.9316, 64.1926, 69.6247

Trichromacy



Original Color

75.3816, 64.3782, 90.8913



Protanomaly

67.6487, 63.9228, 97.5798



Deuteranomaly

69.0419, 64.4705, 89.6941



Tritanomaly

72.2660, 64.0558, 76.9618

Monochromacy



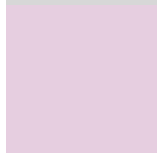
Original Color

75.3816, 64.3782, 90.8913



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 75.3816, 64.3782, 90.8913 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, 190, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 240)  
}
```

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, 190, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.3816, 64.3782, 90.8913 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, 190, 240) }
```


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

```
.border{ border-color:rgb(255, 190, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3816, 64.3782, 90.8913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 240) }
```

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

```
.background{ background-color: rgb(255,  
190, 240) }
```

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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