

Converting Colors

XYZ(87.1125, 70.4126, 93.5515)

Have a look what the booklet for
XYZ(87.1125, 70.4126, 93.5515)
contains.

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Color

**XYZ(75.8311, 64.5580,
93.2582)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEF3
RGB	255, 190, 243
RGB Percent	100%, 75%, 95%
CMY	0.0000, 0.2549, 0.0471
CMYK	0.00, 0.25, 0.05, 0.00
HSL	311°, 100%, 87%
HSV	311°, 25%, 100%
XYZ	75.8311, 64.5580, 93.2582
YIQ	215.4770, 21.7270, 30.2630

Conversions

Conversions Part 2

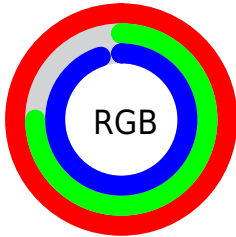
Format	Color
R _Y B	255, 190, 243
Decimal	16760563
CIE Lab	84.26, 31.60, -17.08
CIE LCh	84, 35.923, 331.609
Yxy	64.5580, 0.3246, 0.2763
Android (android.graphics.Color)	4294950643 (0xFFFFBEF3)
YUV	215.4770, 13.5688, 34.6617
Hunter-Lab	80.3480, 27.8563, -12.5730

Details

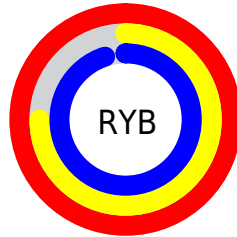
The XYZ color **75.8311, 64.5580, 93.2582** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.6579, 86.7324, 69.0552**, and the grayscale version is **64.8166, 68.1921, 74.2612**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **41.0625, 33.2019, 51.2581** is the 20% darker color. If you saturate the color by 10%, you get **70.0820, 54.1827, 87.8797**, and if you desaturate by 10%, it is **82.5676, 76.8782, 99.0575**.

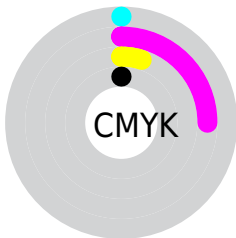
Distribution



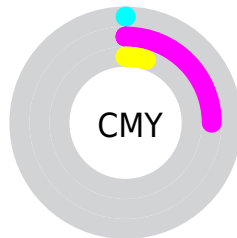
- Red (100%)
- Green (75%)
- Blue (95%)



- Red (100%)
- Yellow (75%)
- Blue (95%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8311, 64.5580, 93.2582 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 75.8311, 64.5580, 93.2582 by changing the saturation by 10% instead.


 75.8311, 64.5580,
93.2582

 75.8311, 64.5580,
93.2582


469.7226,
441.2019, 559.4149

 56.5906, 47.1028,
70.0973

 126.4698,
111.4142, 153.8308

 40.9155, 33.1169,
51.1285


158.5986,
141.5839, 192.0796

 28.4404, 22.2160,
35.9335


195.7543,
176.7605, 236.1948

 18.8001, 14.0157,
24.0935

238.3022,
217.3285, 286.5948

 11.6291, 8.1316,
15.1902

286.6076,
263.6723, 343.6983

 6.5620, 4.1793,
8.8049

341.0359,

 3.2336, 1.7743,

316.1762, 407.9238

4.5190

401.9524,
375.2246, 479.6898

■ 1.2785, 0.4711,
1.9142

■ 0.1670, 0.0000,
0.5017

■ 75.8311, 64.5580,
93.2582

■ 75.8311, 64.5580,
93.2582

■ 70.0820, 54.1827,
87.8797

■ 82.5676, 76.8782,
99.0575

■ 65.2653, 45.6437,
82.9005

■ 90.3338, 91.2288,
105.2897

■ 61.3276, 38.8338,
78.3029

95.0500, 100.0000,
108.9000

■ 58.2079, 33.6315,
74.0659

■ 55.8375, 29.8994,
70.1659

■ 54.1360, 27.4772,
66.5754

■ 53.0043, 26.1666,
63.2607

■ 52.6157, 25.8103,
61.8337

Harmonies

Analogous

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



69.7354, 64.5580, 114.6125



75.8311, 64.5580, 93.2582



77.9634, 64.5580, 69.0692

Triad

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



75.8311, 64.5580, 93.2582



60.9317, 64.5580, 34.9549



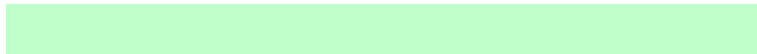
49.2289, 64.5580, 95.8556

Complementary

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



75.8311, 64.5580, 93.2582



67.6579, 86.7324, 69.0552

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.



47.2997, 64.5580, 71.5305



75.8311, 64.5580, 93.2582



53.6844, 64.5580, 39.1851

Square

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



75.8311, 64.5580, 93.2582



68.9280, 64.5580, 38.3574



48.8588, 64.5580, 51.4456



54.3681, 64.5580, 116.3258

Rectangle

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



75.8311, 64.5580, 93.2582



76.7155, 64.5580, 55.3566



48.8588, 64.5580, 51.4456



48.2045, 64.5580, 87.6993

Sweetspot

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



75.8326, 64.5606, 93.2595



88.2834, 87.4277, 103.6824



60.8006, 56.5951, 102.3271



18.6403, 18.2394, 21.9891



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.



75.8326, 64.5606, 93.2595



72.5441, 58.6065, 90.2435



71.3609, 62.7720, 69.7122



18.6403, 18.2394, 21.9891



27.5447, 13.5072, 32.5823



2.7175, 1.3294, 3.3599

Inverse Universe

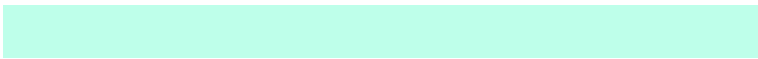
The Inverse Universe completely reimagines the original color for something new.



75.8326, 64.5606, 93.2595



72.5441, 58.6065, 90.2435



71.9082, 88.4325, 91.4368



18.6403, 18.2394, 21.9891



27.5447, 13.5072, 32.5823



2.7175, 1.3294, 3.3599

Previews

White Background



This preview shows how the XYZ color 75.8311, 64.5580, 93.2582 looks on a white background.

Color Contrast Check

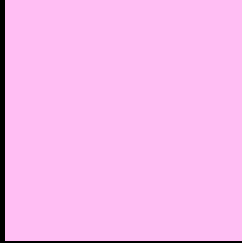
Large Text (above 18pt) WCAG AA × Fail

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 75.8311, 64.5580, 93.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

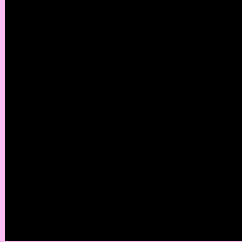
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8311, 64.5580, 93.2582

Background



This preview shows how black text looks on a background with the XYZ color 75.8311, 64.5580, 93.2582.



This preview shows how white text looks on a background with the XYZ color 75.8311, 64.5580,

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

75.8311, 64.5580, 93.2582

Protanopia

64.6699, 65.1003, 103.7649

Deuteranopia

66.1748, 64.7056, 91.4397



Tritanopia

71.2815, 64.6922, 70.3579

Trichromacy



Original Color

75.8311, 64.5580, 93.2582



Protanomaly

68.0483, 64.4217, 100.1149



Deuteranomaly

69.4865, 64.6484, 92.0351



Tritanomaly

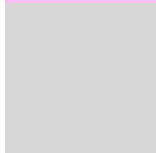
72.7560, 64.6067, 78.4477

Monochromacy



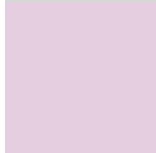
Original Color

75.8311, 64.5580, 93.2582



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

68.2950, 66.4019, 80.4515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8311, 64.5580, 93.2582 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.8311, 64.5580, 93.2582 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, 243) }
```


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

```
.border{ border-color:rgb(255, 190, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8311, 64.5580, 93.2582 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
190, 243) }
```

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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