

Converting Colors

$Y_{xy}(65.7891, 0.3261, 0.2817)$

Have a look what the booklet for
Yxy(65.7891, 0.3261, 0.2817)
contains.

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Color

Yxy(65.7508, 0.3258, 0.2812)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1F1
RGB	255, 193, 241
RGB Percent	100%, 76%, 95%
CMY	0.0001, 0.2431, 0.0549
CMYK	0.00, 0.24, 0.05, 0.00
HSL	314°, 100%, 88%
HSV	314°, 24%, 100%
XYZ	76.1793, 65.7508, 91.8921
YIQ	217.0100, 21.5440, 28.0720

Conversions

Conversions Part 2

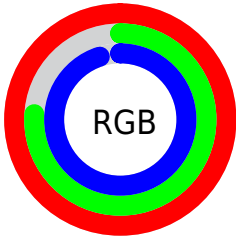
Format	Color
R _Y B	255, 193, 241
Decimal	16761329
CIE _{Lab}	84.87, 29.67, -15.09
CIE _{LCh}	85, 33.284, 333.038
Yxy	65.7508, 0.3258, 0.2812
Android (android.graphics.Color)	4294951409 (0xFFFFC1F1)
YUV	217.0100, 11.8271, 33.3172
Hunter-Lab	81.0869, 25.7947, -10.4299

Details

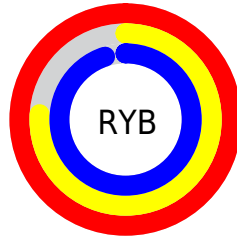
The Yxy color **65.7508, 0.3258, 0.2812** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.3481, 0.3019, 0.3821**, and the grayscale version is **69.3026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **33.9738, 0.3288, 0.2706** is the 20% darker color. If you saturate the color by 10%, you get **55.0960, 0.3326, 0.2611**, and if you desaturate by 10%, it is **78.3656, 0.3198, 0.3013**.

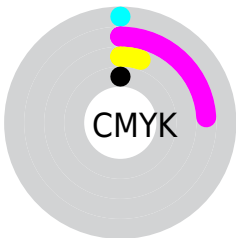
Distribution



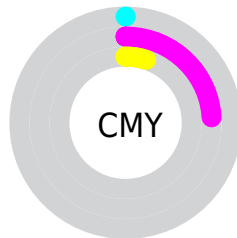
- Red (100%)
- Green (76%)
- Blue (95%)



- Red (100%)
- Yellow (76%)
- Blue (95%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7508, 0.3258, 0.2812 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 Yxy color 65.7508, 0.3258, 0.2812 by changing the saturation by 10% instead.


 65.7508, 0.3258,
0.2812

 65.7508, 0.3258,
0.2812


445.4851, 0.3201,
0.3028

 48.0701, 0.3270,
0.2764


 113.1286, 0.3239,
0.2886

 33.8824, 0.3285,
0.2705


143.5945, 0.3231,
0.2915

 22.8033, 0.3304,
0.2632


179.0910, 0.3224,
0.2940

 14.4483, 0.3327,
0.2538

220.0023, 0.3218,
0.2962

 8.4331, 0.3356,
0.2413

266.7131, 0.3213,
0.2981

 4.3733, 0.3395,
0.2240

319.6075, 0.3209,

 1.8845, 0.3449,

0.2999

0.1984

379.0701, 0.3204,
0.3014

0.5390, 0.3562,
0.1475

0.0000, 0.2969,
0.0000

65.7508, 0.3258,
0.2812

65.7508, 0.3258,
0.2812

55.0960, 0.3326,
0.2611

78.3656, 0.3198,
0.3013

46.2927, 0.3402,
0.2419

93.0243, 0.3147,
0.3209

39.2352, 0.3485,
0.2243

99.9951, 0.3127,
0.3290

33.8035, 0.3574,
0.2096

■ 29.8624, 0.3665,
0.1988

■ 27.2548, 0.3756,
0.1925

■ 25.7883, 0.3844,
0.1910

■ 25.3072, 0.3893,
0.1918

Harmonies

Analogous

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



65.7508, 0.2846, 0.2648



65.7508, 0.3258, 0.2812



65.7508, 0.3657, 0.3085

Triad

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



65.7508, 0.3258, 0.2812



65.7508, 0.3733, 0.3976



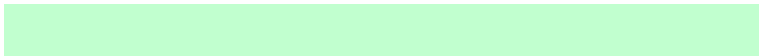
65.7508, 0.2400, 0.3081

Complementary

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



65.7508, 0.3258, 0.2812



87.3481, 0.3019, 0.3821

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.



65.7508, 0.2608, 0.3483



65.7508, 0.3258, 0.2812



65.7508, 0.3371, 0.4031

Square

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



65.7508, 0.3258, 0.2812



65.7508, 0.3937, 0.3739



65.7508, 0.2959, 0.3849



65.7508, 0.2374, 0.2777

Rectangle

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



65.7508, 0.3258, 0.2812



65.7508, 0.3850, 0.3303



65.7508, 0.2959, 0.3849



65.7508, 0.2450, 0.3210

Sweetspot

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



65.7537, 0.3258, 0.2812



88.8786, 0.3160, 0.3157



58.5514, 0.2801, 0.2616



18.8289, 0.3163, 0.3145



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7537, 0.3258, 0.2812



60.5198, 0.3289, 0.2717



64.0847, 0.3495, 0.3111



18.2261, 0.3173, 0.3108



13.2503, 0.3879, 0.1911



1.3065, 0.3787, 0.1860

Inverse Universe

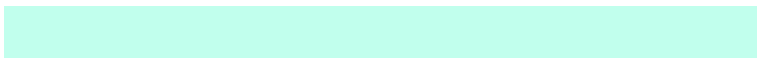
The Inverse Universe completely reimagines the original color for something new.



65.7537, 0.3258, 0.2812



60.5198, 0.3289, 0.2717



88.9824, 0.2857, 0.3478



18.2261, 0.3173, 0.3108



13.2503, 0.3879, 0.1911



1.3065, 0.3787, 0.1860

Previews

White Background



This preview shows how the Yxy color 65.7508, 0.3258, 0.2812 looks on a white background.

Color Contrast Check

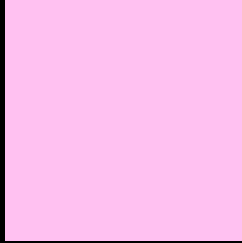
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 65.7508, 0.3258, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

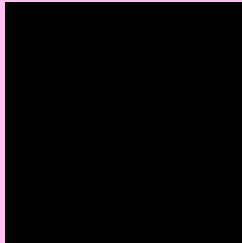
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7508, 0.3258, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 65.7508, 0.3258, 0.2812.



This preview shows how white text looks on a background with the Yxy color 65.7508, 0.3258, 0.2812.

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

65.7508, 0.3258, 0.2812

Protanopia

65.9588, 0.2814, 0.2833

Deuteranopia

66.1708, 0.3018, 0.2956



Tritanopia

65.7015, 0.3436, 0.3136

Trichromacy



Original Color

65.7508, 0.3258, 0.2812



Protanomaly

65.6510, 0.2967, 0.2824



Deuteranomaly

65.7967, 0.3100, 0.2902



Tritanomaly

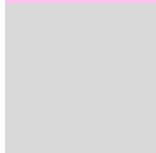
65.5030, 0.3369, 0.3014

Monochromacy



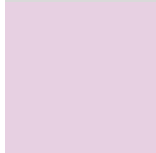
Original Color

65.7508, 0.3258, 0.2812



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.5917, 0.3173, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7508, 0.3258, 0.2812 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, 193, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 241) }
```

Border

The CSS property to change the border of an element to Yxy 65.7508, 0.3258, 0.2812 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, 193, 241) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7508, 0.3258, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 241) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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