

Converting Colors

$Y_{xy}(65.2010, 0.3258, 0.2798)$

Have a look what the booklet for
Yxy(65.2010, 0.3258, 0.2798)
contains.

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Color

Yxy(65.3101, 0.3259, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0F1
RGB	255, 192, 241
RGB Percent	100%, 75%, 95%
CMY	0.0000, 0.2470, 0.0549
CMYK	0.00, 0.25, 0.05, 0.00
HSL	313°, 100%, 88%
HSV	313°, 25%, 100%
XYZ	75.9620, 65.3101, 91.8117
YIQ	216.4230, 21.8190, 28.5950

Conversions

Conversions Part 2

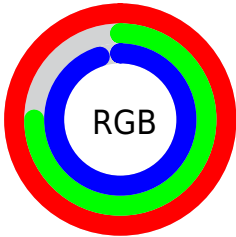
Format	Color
RYB	255, 192, 241
Decimal	16761073
CIELab	84.64, 30.20, -15.43
CIELCh	85, 33.909, 332.942
Yxy	65.3101, 0.3259, 0.2802
Android (android.graphics.Color)	4294951153 (0xFFFFC0F1)
YUV	216.4230, 12.1165, 33.8320
Hunter-Lab	80.8147, 26.3561, -10.7878

Details

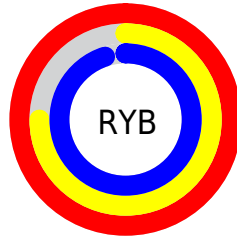
The Yxy color $65.3101, 0.3259, 0.2802$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.1782, 0.3018, 0.3833$, and the grayscale version is $68.8787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $33.6855, 0.3289, 0.2694$ is the 20% darker color. If you saturate the color by 10%, you get $54.7342, 0.3326, 0.2601$, and if you desaturate by 10%, it is $77.8421, 0.3200, 0.3004$.

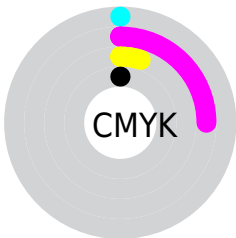
Distribution



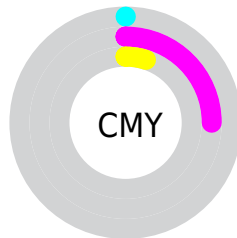
- Red (100%)
- Green (75%)
- Blue (95%)



- 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 Yxy color 65.3101, 0.3259, 0.2802 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 65.3101, 0.3259, 0.2802 by changing the saturation by 10% instead.


 65.3101, 0.3259,
0.2802

 65.3101, 0.3259,
0.2802

443.9055, 0.3201,
0.3022

 47.7126, 0.3271,
0.2753


 112.4956, 0.3240,
0.2877

 33.5993, 0.3286,
0.2693


142.8523, 0.3232,
0.2907

 22.5860, 0.3305,
0.2618


178.2309, 0.3225,
0.2933

 14.2881, 0.3328,
0.2522

219.0157, 0.3219,
0.2955

 8.3213, 0.3357,
0.2395

265.5912, 0.3214,
0.2975

 4.3012, 0.3396,
0.2218

318.3417, 0.3209,

 1.8435, 0.3449,

0.2993

0.1957

377.6517, 0.3205,
0.3008

0.5140, 0.3567,
0.1425

0.0000, 0.2862,
0.0000

65.3101, 0.3259,
0.2802

65.3101, 0.3259,
0.2802

54.7342, 0.3326,
0.2601

77.8421, 0.3200,
0.3004

46.0057, 0.3402,
0.2408

92.4144, 0.3149,
0.3201

39.0183, 0.3484,
0.2233

99.9980, 0.3127,
0.3290

33.6515, 0.3572,
0.2087

■ 29.7695, 0.3661,
0.1979

■ 27.2141, 0.3751,
0.1918

■ 25.7908, 0.3837,
0.1904

■ 25.3491, 0.3881,
0.1912

Harmonies

Analogous

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



65.3101, 0.2838, 0.2636



65.3101, 0.3259, 0.2802



65.3101, 0.3667, 0.3079

Triad

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



65.3101, 0.3259, 0.2802



65.3101, 0.3746, 0.3989



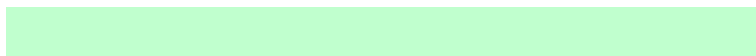
65.3101, 0.2386, 0.3077

Complementary

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



65.3101, 0.3259, 0.2802



87.1782, 0.3018, 0.3833

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.



65.3101, 0.2598, 0.3488



65.3101, 0.3259, 0.2802



65.3101, 0.3377, 0.4048

Square

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



65.3101, 0.3259, 0.2802



65.3101, 0.3955, 0.3747



65.3101, 0.2957, 0.3863



65.3101, 0.2359, 0.2767

Rectangle

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



65.3101, 0.3259, 0.2802



65.3101, 0.3865, 0.3301



65.3101, 0.2957, 0.3863



65.3101, 0.2437, 0.3209

Sweetspot

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



65.3130, 0.3259, 0.2802



88.8823, 0.3160, 0.3156



57.9970, 0.2795, 0.2603



18.8297, 0.3163, 0.3144



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.



65.3130, 0.3259, 0.2802



59.4728, 0.3294, 0.2695



63.6088, 0.3503, 0.3108



18.2272, 0.3172, 0.3107



13.2702, 0.3868, 0.1904



1.3083, 0.3777, 0.1854

Inverse Universe

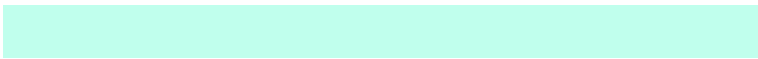
The Inverse Universe completely reimagines the original color for something new.



65.3130, 0.3259, 0.2802



59.4728, 0.3294, 0.2695



88.8443, 0.2853, 0.3481



18.2272, 0.3172, 0.3107



13.2702, 0.3868, 0.1904



1.3083, 0.3777, 0.1854

Previews

White Background



This preview shows how the Yxy color 65.3101, 0.3259, 0.2802 looks on a white background.

Color Contrast Check

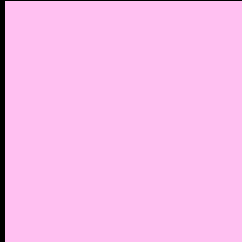
Large Text (above 18pt) WCAG AA × Fail

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 65.3101, 0.3259, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

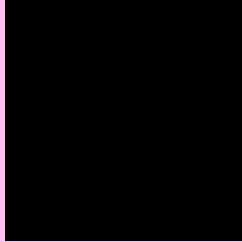
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3101, 0.3259, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 65.3101, 0.3259, 0.2802.



This preview shows how white text looks on a background with the Yxy color 65.3101, 0.3259, 0.2802.

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

65.3101, 0.3259, 0.2802

Protanopia

65.8815, 0.2801, 0.2822

Deuteranopia

65.5313, 0.3011, 0.2944



Tritanopia

65.1952, 0.3445, 0.3136

Trichromacy



Original Color

65.3101, 0.3259, 0.2802



Protanomaly

65.0810, 0.2953, 0.2802



Deuteranomaly

65.3289, 0.3101, 0.2891



Tritanomaly

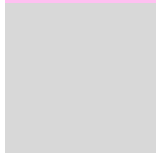
65.0534, 0.3370, 0.3004

Monochromacy



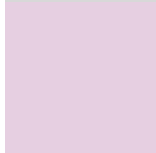
Original Color

65.3101, 0.3259, 0.2802



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

66.8849, 0.3174, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3101, 0.3259, 0.2802 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, 192, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 241) }
```

Border

The CSS property to change the border of an element to Yxy 65.3101, 0.3259, 0.2802 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, 192, 241) }
```

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

```
.border{ border-color:rgb(255, 192, 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, 192, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3101, 0.3259, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 241) }
```

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

```
.background{ background-color: rgb(255,  
192, 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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