

Converting Colors

$Y_{xy}(65.3701, 0.3251, 0.2792)$

Have a look what the booklet for
Yxy(65.3701, 0.3251, 0.2792)
contains.

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Color

Yxy(65.3701, 0.3251, 0.2792)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0F2
RGB	255, 192, 242
RGB Percent	100%, 75%, 95%
CMY	0.0001, 0.2470, 0.0508
CMYK	0.00, 0.25, 0.05, 0.00
HSL	312°, 100%, 88%
HSV	312°, 25%, 100%
XYZ	76.1168, 65.3701, 92.6467
YIQ	216.5370, 21.4980, 28.9060

Conversions

Conversions Part 2

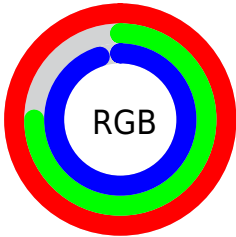
Format	Color
R _Y B	255, 192, 242
Decimal	16761074
CIE Lab	84.67, 30.38, -15.94
CIE LCh	85, 34.309, 332.310
Yxy	65.3701, 0.3251, 0.2792
Android (android.graphics.Color)	4294951154 (0xFFFFC0F2)
YUV	216.5370, 12.5533, 33.7321
Hunter-Lab	80.8518, 26.5558, -11.3431

Details

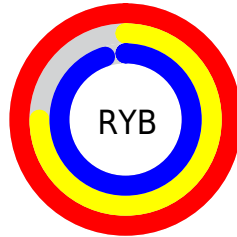
The Yxy color $65.3701, 0.3251, 0.2792$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.1208, 0.3024, 0.3845$, and the grayscale version is $68.9587, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $33.7279, 0.3279, 0.2682$ is the 20% darker color. If you saturate the color by 10%, you get $54.8181, 0.3314, 0.2587$, and if you desaturate by 10%, it is $77.8766, 0.3196, 0.2998$.

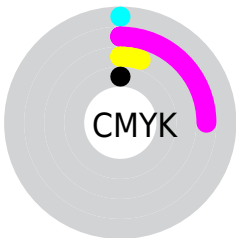
Distribution



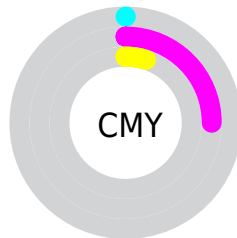
- Red (100%)
- Green (75%)
- Blue (95%)



- 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 65.3701, 0.3251, 0.2792 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 65.3701, 0.3251, 0.2792 by changing the saturation by 10% instead.


 65.3701, 0.3251,
0.2792

 65.3701, 0.3251,
0.2792


444.1208, 0.3197,
0.3017

 47.7612, 0.3262,
0.2742


 112.5818, 0.3233,
0.2869

 33.6379, 0.3276,
0.2681


142.9534, 0.3226,
0.2899

 22.6155, 0.3293,
0.2605


178.3480, 0.3219,
0.2925

 14.3099, 0.3314,
0.2507

219.1501, 0.3214,
0.2948

 8.3365, 0.3341,
0.2378

265.7441, 0.3209,
0.2968

 4.3110, 0.3375,
0.2199

318.5142, 0.3205,

 1.8490, 0.3421,

0.2986

0.1935

377.8450, 0.3201,
0.3002

0.5175, 0.3522,
0.1405

0.0000, 0.2771,
0.0000

65.3701, 0.3251,
0.2792

65.3701, 0.3251,
0.2792

54.8181, 0.3314,
0.2587

77.8766, 0.3196,
0.2998

46.1117, 0.3384,
0.2391

92.4217, 0.3147,
0.3199

39.1449, 0.3460,
0.2213

99.9965, 0.3127,
0.3290

33.7972, 0.3540,
0.2065

■ 29.9326, 0.3623,
0.1955

■ 27.3932, 0.3704,
0.1890

■ 25.9844, 0.3782,
0.1874

■ 25.5498, 0.3822,
0.1879

Harmonies

Analogous

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



65.3701, 0.2827, 0.2627



65.3701, 0.3251, 0.2792



65.3701, 0.3666, 0.3070

Triad

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



65.3701, 0.3251, 0.2792



65.3701, 0.3759, 0.3993



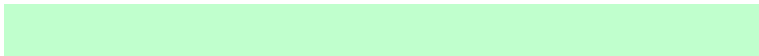
65.3701, 0.2381, 0.3083

Complementary

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



65.3701, 0.3251, 0.2792



87.1208, 0.3024, 0.3845

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.



65.3701, 0.2598, 0.3499



65.3701, 0.3251, 0.2792



65.3701, 0.3388, 0.4058

Square

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



65.3701, 0.3251, 0.2792



65.3701, 0.3966, 0.3745



65.3701, 0.2963, 0.3876



65.3701, 0.2349, 0.2766

Rectangle

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



65.3701, 0.3251, 0.2792



65.3701, 0.3869, 0.3293



65.3701, 0.2963, 0.3876



65.3701, 0.2434, 0.3216

Sweetspot

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



65.3730, 0.3251, 0.2792



88.9014, 0.3158, 0.3153



57.8444, 0.2787, 0.2602



18.8342, 0.3161, 0.3141



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.



65.3730, 0.3251, 0.2792



59.5491, 0.3283, 0.2683



63.6575, 0.3495, 0.3097



18.2327, 0.3170, 0.3103



13.3748, 0.3810, 0.1872



1.3176, 0.3728, 0.1827

Inverse Universe

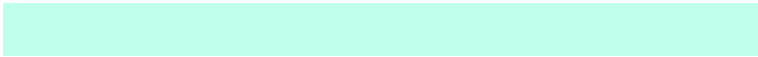
The Inverse Universe completely reimagines the original color for something new.



65.3730, 0.3251, 0.2792



59.5491, 0.3283, 0.2683



88.7772, 0.2858, 0.3493



18.2327, 0.3170, 0.3103



13.3748, 0.3810, 0.1872



1.3176, 0.3728, 0.1827

Previews

White Background



This preview shows how the Yxy color 65.3701, 0.3251, 0.2792 looks on a white background.

Color Contrast Check

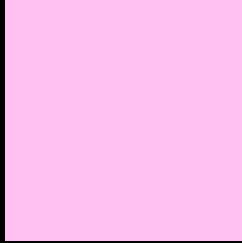
Large Text (above 18pt) WCAG AA × Fail

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 65.3701, 0.3251, 0.2792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

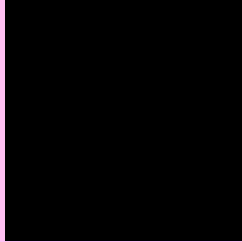
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3701, 0.3251, 0.2792

Background



This preview shows how black text looks on a background with the Yxy color 65.3701, 0.3251, 0.2792.



This preview shows how white text looks on a background with the Yxy color 65.3701, 0.3251, 0.2792.

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

65.3701, 0.3251, 0.2792

Protanopia

65.8055, 0.2789, 0.2811

Deuteranopia

65.4347, 0.2998, 0.2933



Tritanopia

65.2458, 0.3437, 0.3125

Trichromacy



Original Color

65.3701, 0.3251, 0.2792



Protanomaly

64.9862, 0.2939, 0.2792



Deuteranomaly

65.2204, 0.3086, 0.2880



Tritanomaly

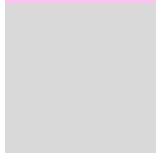
65.1075, 0.3362, 0.2994

Monochromacy



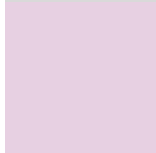
Original Color

65.3701, 0.3251, 0.2792



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 65.3701, 0.3251, 0.2792 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 242) }
```

Border

The CSS property to change the border of an element to Yxy 65.3701, 0.3251, 0.2792 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, 242) }
```

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

```
.border{ border-color:rgb(255, 192, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3701, 0.3251, 0.2792 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
192, 242) }
```

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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