

Converting Colors

Yxy(65.3623, 0.3191, 0.2705)

Have a look what the booklet for
Yxy(65.3623, 0.3191, 0.2705)
contains.

Yxy(65.4237, 0.3193, 0.2708)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.4237, 0.3193, 0.2708)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFFA
RGB	255, 191, 250
RGB Percent	100%, 75%, 98%
CMY	0.0000, 0.2510, 0.0195
CMYK	0.00, 0.25, 0.02, 0.00
HSL	305°, 100%, 87%
HSV	305°, 25%, 100%
XYZ	77.1410, 65.4237, 99.0294
YIQ	216.8620, 19.2050, 31.9170

Conversions

Conversions Part 2

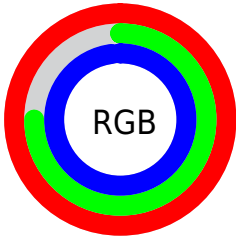
Format	Color
R _Y B	255, 191, 250
Decimal	16760826
CIE Lab	84.70, 32.33, -20.15
CIE LCh	85, 38.100, 328.068
Yxy	65.4237, 0.3193, 0.2708
Android (android.graphics.Color)	4294950906 (0xFFFFBFFA)
YUV	216.8620, 16.3370, 33.4470
Hunter-Lab	80.8849, 28.6892, -15.9708

Details

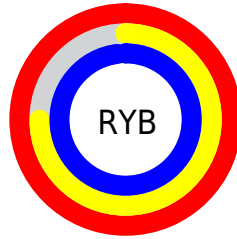
The Yxy color $65.4237, 0.3193, 0.2708$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.5776, 0.3066, 0.3951$, and the grayscale version is $69.1594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $33.7473, 0.3211, 0.2589$ is the 20% darker color. If you saturate the color by 10%, you get $55.1256, 0.3223, 0.2477$, and if you desaturate by 10%, it is $77.6488, 0.3165, 0.2943$.

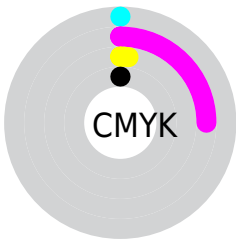
Distribution



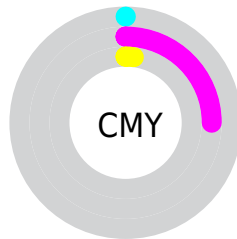
- Red (100%)
- Green (75%)
- Blue (98%)



- Red (100%)
- Yellow (75%)
- Blue (98%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4237, 0.3193, 0.2708 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 65.4237, 0.3193, 0.2708 by changing the saturation by 10% instead.

 65.4237, 0.3193,
0.2708

 65.4237, 0.3193,
0.2708


444.3130, 0.3168,
0.2969

 47.8047, 0.3198,
0.2651


 112.6588, 0.3185,
0.2797

 33.6723, 0.3203,
0.2581


143.0437, 0.3182,
0.2832

 22.6419, 0.3208,
0.2494


178.4527, 0.3179,
0.2862

 14.3293, 0.3214,
0.2384

219.2702, 0.3176,
0.2889

 8.3501, 0.3219,
0.2239

265.8806, 0.3174,
0.2912

 4.3198, 0.3222,
0.2040


318.6682, 0.3172,


 1.8540, 0.3214,

0.2933

0.1755


378.0176, 0.3170,
0.2952


 0.5205, 0.3209,
0.1223

 0.0000, 0.2314,
0.0000


 65.4237, 0.3193,
0.2708


 65.4237, 0.3193,
0.2708

 55.1256, 0.3223,
0.2477


 77.6488, 0.3165,
0.2943

 46.6697, 0.3255,
0.2258

 91.9096, 0.3139,
0.3175

 39.9414, 0.3288,
0.2063

100.0000, 0.3127,
0.3290

 34.8197, 0.3320,
0.1900

■ 31.1681, 0.3352,
0.1777

■ 28.8274, 0.3380,
0.1698

■ 27.6012, 0.3407,
0.1663

■ 27.2702, 0.3419,
0.1657

Harmonies

Analogous

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



65.4237, 0.2734, 0.2548



65.4237, 0.3193, 0.2708



65.4237, 0.3666, 0.2997

Triad

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



65.4237, 0.3193, 0.2708



65.4237, 0.3871, 0.4037



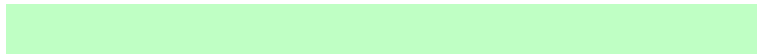
65.4237, 0.2326, 0.3117

Complementary

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



65.4237, 0.3193, 0.2708



86.5776, 0.3066, 0.3951

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.



65.4237, 0.2590, 0.3589



65.4237, 0.3193, 0.2708



65.4237, 0.3477, 0.4152

Square

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



65.4237, 0.3193, 0.2708



65.4237, 0.4070, 0.3737



65.4237, 0.3007, 0.3991



65.4237, 0.2263, 0.2746

Rectangle

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



65.4237, 0.3193, 0.2708



65.4237, 0.3912, 0.3236



65.4237, 0.3007, 0.3991



65.4237, 0.2393, 0.3270

Sweetspot

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



65.4185, 0.3193, 0.2708



87.5663, 0.3146, 0.3108



56.1101, 0.2722, 0.2578



18.2746, 0.3150, 0.3074



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.



65.4185, 0.3193, 0.2708



60.1436, 0.3207, 0.2594



63.6144, 0.3433, 0.3008



18.2746, 0.3150, 0.3074



14.2595, 0.3415, 0.1655



1.3953, 0.3389, 0.1640

Inverse Universe

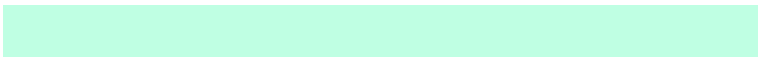
The Inverse Universe completely reimagines the original color for something new.



65.4185, 0.3193, 0.2708



60.1436, 0.3207, 0.2594



88.1546, 0.2899, 0.3592



18.2746, 0.3150, 0.3074



14.2595, 0.3415, 0.1655



1.3953, 0.3389, 0.1640

Previews

White Background



This preview shows how the Yxy color 65.4237, 0.3193, 0.2708 looks on a white background.

Color Contrast Check

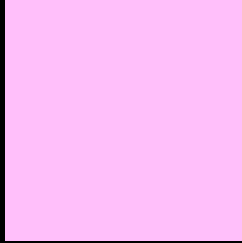
Large Text (above 18pt) WCAG AA × Fail

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 65.4237, 0.3193, 0.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

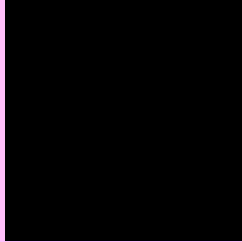
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4237, 0.3193, 0.2708

Background



This preview shows how black text looks on a background with the Yxy color 65.4237, 0.3193, 0.2708.



This preview shows how white text looks on a background with the Yxy color 65.4237, 0.3193, 0.2708.

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

65.4237, 0.3193, 0.2708

Protanopia

65.7307, 0.2776, 0.2800

Deuteranopia

65.7881, 0.2918, 0.2859



Tritanopia

65.5163, 0.3428, 0.3135

Trichromacy



Original Color

65.4237, 0.3193, 0.2708



Protanomaly

65.1759, 0.2920, 0.2762



Deuteranomaly

65.3736, 0.3017, 0.2799



Tritanomaly

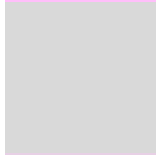
65.2166, 0.3347, 0.2974

Monochromacy



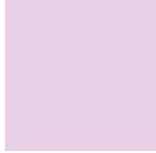
Original Color

65.4237, 0.3193, 0.2708



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.7578, 0.3152, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4237, 0.3193, 0.2708 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, 191, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 250)  
}
```

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, 191, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 250) }
```

Border

The CSS property to change the border of an element to Yxy 65.4237, 0.3193, 0.2708 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, 191, 250) }
```

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

```
.border{ border-color:rgb(255, 191, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4237, 0.3193, 0.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 250) }
```

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

```
.background{ background-color: rgb(255,  
191, 250) }
```

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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