

Converting Colors

Yxy(64.5967, 0.3348, 0.2912)

Have a look what the booklet for
Yxy(64.5967, 0.3348, 0.2912)
contains.

Yxy(64.6164, 0.3351, 0.2917)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.6164, 0.3351, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0E5
RGB	255, 192, 229
RGB Percent	100%, 75%, 90%
CMY	0.0000, 0.2470, 0.1021
CMYK	0.00, 0.25, 0.10, 0.00
HSL	325°, 100%, 88%
HSV	325°, 25%, 100%
XYZ	74.2302, 64.6164, 82.6700
YIQ	215.0550, 25.6710, 24.8630

Conversions

Conversions Part 2

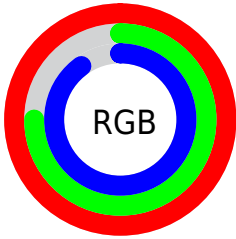
Format	Color
R_{YB}	255, 192, 229
Decimal	16761061
CIE _{Lab}	84.29, 28.19, -9.55
CIE _{LCh}	84, 29.760, 341.282
Yxy	64.6164, 0.3351, 0.2917
Android (android.graphics.Color)	4294951141 (0xFFFFC0E5)
YUV	215.0550, 6.8749, 35.0318
Hunter-Lab	80.3843, 24.1617, -4.7068

Details

The Yxy color $64.6164, 0.3351, 0.2917$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.7912, 0.2953, 0.3696$, and the grayscale version is $67.9345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $33.2387, 0.3403, 0.2826$ is the 20% darker color. If you saturate the color by 10%, you get $53.8027, 0.3472, 0.2760$, and if you desaturate by 10%, it is $77.4104, 0.3248, 0.3073$.

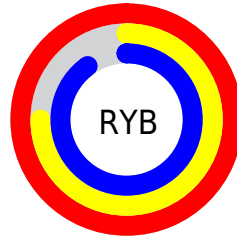
Distribution



Red (100%)

Green (75%)

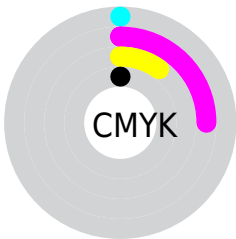
Blue (90%)



Red (100%)

Yellow (75%)

Blue (90%)

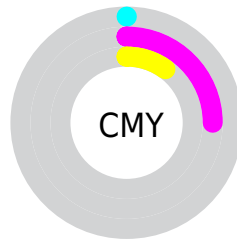


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6164, 0.3351, 0.2917 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 64.6164, 0.3351, 0.2917 by changing the saturation by 10% instead.


 64.6164, 0.3351,
0.2917

 64.6164, 0.3351,
0.2917

441.4122, 0.3248,
0.3088

 47.1501, 0.3374,
0.2878


 111.4982, 0.3315,
0.2976

 33.1543, 0.3403,
0.2831


141.6824, 0.3301,
0.2999

 22.2447, 0.3440,
0.2771


176.8748, 0.3289,
0.3019

 14.0368, 0.3487,
0.2694

217.4597, 0.3279,
0.3036

 8.1463, 0.3552,
0.2590

263.8215, 0.3270,
0.3051

 4.1887, 0.3645,
0.2442


316.3446, 0.3262,


 1.7797, 0.3788,


0.3065


0.2217

375.4133, 0.3254,
0.3077


 0.4745, 0.4122,
0.1664


 0.0000, 1.0000,
0.0000


 64.6164, 0.3351,
0.2917


 64.6164, 0.3351,
0.2917

 53.8027, 0.3472,
0.2760


 77.4104, 0.3248,
0.3073

 44.8616, 0.3613,
0.2608

 92.2711, 0.3162,
0.3222

 37.6860, 0.3773,
0.2471

100.0000, 0.3127,
0.3290

 32.1546, 0.3951,
0.2359

■ 28.1309, 0.4141,
0.2286

■ 25.4562, 0.4337,
0.2261

■ 23.9353, 0.4529,
0.2290

■ 23.4508, 0.4628,
0.2323

Harmonies

Analogous

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



64.6164, 0.2972, 0.2737



64.6164, 0.3351, 0.2917



64.6164, 0.3684, 0.3186

Triad

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



64.6164, 0.3351, 0.2917



64.6164, 0.3596, 0.3940



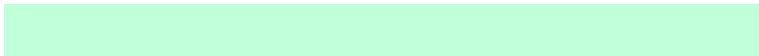
64.6164, 0.2446, 0.3018

Complementary

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



64.6164, 0.3351, 0.2917



87.7912, 0.2953, 0.3696

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.



64.6164, 0.2592, 0.3363



64.6164, 0.3351, 0.2917



64.6164, 0.3248, 0.3929

Square

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



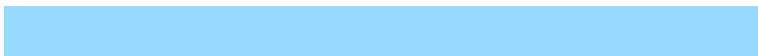
64.6164, 0.3351, 0.2917



64.6164, 0.3825, 0.3769



64.6164, 0.2881, 0.3711



64.6164, 0.2468, 0.2776

Rectangle

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



64.6164, 0.3351, 0.2917



64.6164, 0.3824, 0.3389



64.6164, 0.2881, 0.3711



64.6164, 0.2476, 0.3125

Sweetspot

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



64.6187, 0.3351, 0.2917



88.6694, 0.3181, 0.3189



59.7060, 0.2877, 0.2619



18.7804, 0.3186, 0.3180



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.



64.6187, 0.3351, 0.2917



58.6492, 0.3413, 0.2834



63.0543, 0.3598, 0.3226



18.1660, 0.3202, 0.3151



12.2840, 0.4598, 0.2307



1.2178, 0.4396, 0.2195

Inverse Universe

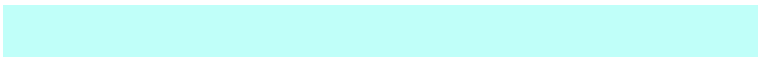
The Inverse Universe completely reimagines the original color for something new.



64.6187, 0.3351, 0.2917



58.6492, 0.3413, 0.2834



89.5484, 0.2794, 0.3356



18.1660, 0.3202, 0.3151



12.2840, 0.4598, 0.2307



1.2178, 0.4396, 0.2195

Previews

White Background



This preview shows how the Yxy color 64.6164, 0.3351, 0.2917 looks on a white background.

Color Contrast Check

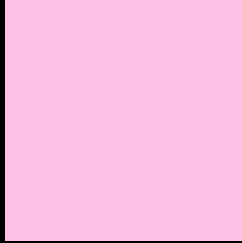
Large Text (above 18pt) WCAG AA × Fail

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 64.6164, 0.3351, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

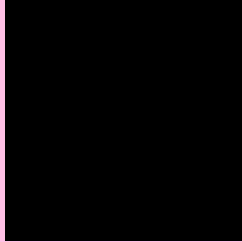
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6164, 0.3351, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 64.6164, 0.3351, 0.2917.



This preview shows how white text looks on a background with the Yxy color 64.6164, 0.3351, 0.2917.

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

64.6164, 0.3351, 0.2917

Protanopia

65.0140, 0.2900, 0.2947

Deuteranopia

65.0560, 0.3116, 0.3051



Tritanopia

64.5660, 0.3480, 0.3136

Trichromacy



Original Color

64.6164, 0.3351, 0.2917



Protanomaly

64.6153, 0.3054, 0.2935



Deuteranomaly

64.5722, 0.3195, 0.2993



Tritanomaly

64.6642, 0.3434, 0.3055

Monochromacy



Original Color

64.6164, 0.3351, 0.2917



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

66.6159, 0.3209, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6164, 0.3351, 0.2917 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 229) }
```

Border

The CSS property to change the border of an element to Yxy 64.6164, 0.3351, 0.2917 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, 229) }
```

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

```
.border{ border-color:rgb(255, 192, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6164, 0.3351, 0.2917 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
192, 229) }
```

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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