

Converting Colors

Yxy(68.4388, 0.3641, 0.2945)

Have a look what the booklet for
Yxy(68.4388, 0.3641, 0.2945)
contains.

Yxy(62.1825, 0.3397, 0.2915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.1825, 0.3397, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBE0
RGB	255, 187, 224
RGB Percent	100%, 73%, 88%
CMY	0.0000, 0.2666, 0.1217
CMYK	0.00, 0.27, 0.12, 0.00
HSL	327°, 100%, 87%
HSV	327°, 27%, 100%
XYZ	72.4645, 62.1825, 78.6721
YIQ	211.5500, 28.6510, 25.9230

Conversions

Conversions Part 2

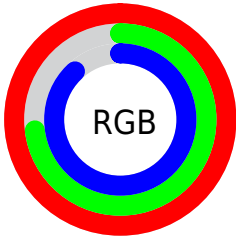
Format	Color
R _Y B	255, 187, 224
Decimal	16759776
CIE Lab	83.01, 30.00, -8.76
CIE LCh	83, 31.255, 343.725
Yxy	62.1825, 0.3397, 0.2915
Android (android.graphics.Color)	4294949856 (0xFFFFBBE0)
YUV	211.5500, 6.1379, 38.1057
Hunter-Lab	78.8559, 26.0345, -3.9527

Details

The Yxy color $62.1825, 0.3397, 0.2915$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.1499, 0.2925, 0.3699$, and the grayscale version is $65.4661, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $31.5099, 0.3454, 0.2822$ is the 20% darker color. If you saturate the color by 10%, you get $51.6958, 0.3535, 0.2769$, and if you desaturate by 10%, it is $74.6324, 0.3280, 0.3060$.

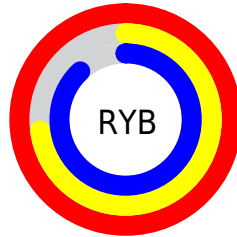
Distribution



Red (100%)

Green (73%)

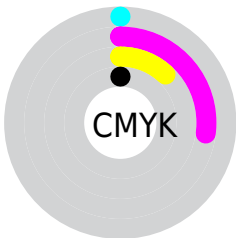
Blue (88%)



Red (100%)

Yellow (73%)

Blue (88%)

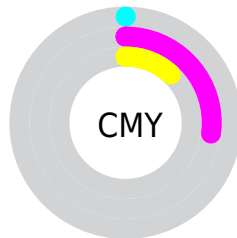


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1825, 0.3397, 0.2915 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 62.1825, 0.3397, 0.2915 by changing the saturation by 10% instead.


 62.1825, 0.3397,
0.2915

 62.1825, 0.3397,
0.2915


432.5965, 0.3271,
0.3088

 45.1802, 0.3426,
0.2876


 107.9893, 0.3353,
0.2975

 31.5994, 0.3462,
0.2827


137.5625, 0.3336,
0.2998

 21.0557, 0.3507,
0.2766


172.0948, 0.3322,
0.3018

 13.1647, 0.3567,
0.2686

211.9706, 0.3309,
0.3036

 7.5421, 0.3649,
0.2578

257.5742, 0.3298,
0.3051

 3.8034, 0.3768,
0.2423


309.2902, 0.3288,

 1.5642, 0.3957,


0.3065


0.2184

367.5028, 0.3279,
0.3077


 0.3333, 0.4491,
0.1403

 0.0000, 0.0000,
0.0000


 62.1825, 0.3397,
0.2915


 62.1825, 0.3397,
0.2915

 51.6958, 0.3535,
0.2769

 74.6324, 0.3280,
0.3060

 43.0712, 0.3697,
0.2630

 89.1420, 0.3183,
0.3201

 36.1964, 0.3881,
0.2506

100.0000, 0.3127,
0.3290

 30.9475, 0.4085,
0.2410

■ 27.1839, 0.4304,
0.2354

■ 24.7408, 0.4527,
0.2350

■ 23.4115, 0.4743,
0.2401

■ 23.1118, 0.4814,
0.2425

Harmonies

Analogous

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



62.1825, 0.2993, 0.2715



62.1825, 0.3397, 0.2915



62.1825, 0.3743, 0.3204

Triad

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



62.1825, 0.3397, 0.2915



62.1825, 0.3597, 0.3989



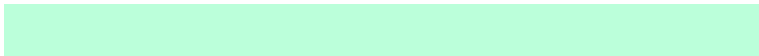
62.1825, 0.2400, 0.2973

Complementary

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



62.1825, 0.3397, 0.2915



87.1499, 0.2925, 0.3699

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.



62.1825, 0.2540, 0.3335



62.1825, 0.3397, 0.2915



62.1825, 0.3222, 0.3961

Square

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



62.1825, 0.3397, 0.2915



62.1825, 0.3856, 0.3817



62.1825, 0.2836, 0.3713



62.1825, 0.2438, 0.2730

Rectangle

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



62.1825, 0.3397, 0.2915



62.1825, 0.3881, 0.3420



62.1825, 0.2836, 0.3713



62.1825, 0.2427, 0.3084

Sweetspot

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



62.1820, 0.3397, 0.2915



87.0824, 0.3195, 0.3182



57.6068, 0.2878, 0.2565



18.1522, 0.3209, 0.3162



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.



62.1820, 0.3397, 0.2915



56.3494, 0.3468, 0.2837



60.5380, 0.3676, 0.3256



18.1522, 0.3209, 0.3162



12.1069, 0.4780, 0.2407



1.2009, 0.4551, 0.2281

Inverse Universe

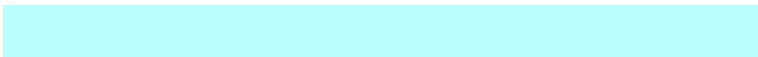
The Inverse Universe completely reimagines the original color for something new.



62.1820, 0.3397, 0.2915



56.3494, 0.3468, 0.2837



89.0883, 0.2753, 0.3325



18.1522, 0.3209, 0.3162



12.1069, 0.4780, 0.2407



1.2009, 0.4551, 0.2281

Previews

White Background



This preview shows how the Yxy color 62.1825, 0.3397, 0.2915 looks on a white background.

Color Contrast Check

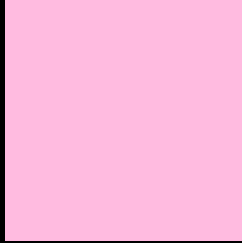
Large Text (above 18pt) WCAG AA × Fail

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 62.1825, 0.3397, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

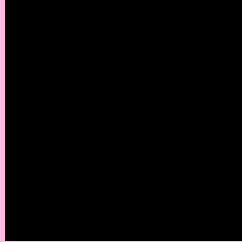
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1825, 0.3397, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 62.1825, 0.3397, 0.2915.



This preview shows how white text looks on a background with the Yxy color 62.1825, 0.3397, 0.2915.

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

62.1825, 0.3397, 0.2915

Protanopia

62.7553, 0.2897, 0.2953

Deuteranopia

62.3659, 0.3138, 0.3069



Tritanopia

62.1173, 0.3530, 0.3135

Trichromacy



Original Color

62.1825, 0.3397, 0.2915



Protanomaly

62.0452, 0.3060, 0.2930



Deuteranomaly

62.0774, 0.3227, 0.3011



Tritanomaly

62.2195, 0.3483, 0.3054

Monochromacy



Original Color

62.1825, 0.3397, 0.2915



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.1637, 0.3226, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1825, 0.3397, 0.2915 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, 187, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 224)  
}
```

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, 187, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 224) }
```

Border

The CSS property to change the border of an element to Yxy 62.1825, 0.3397, 0.2915 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, 187, 224) }
```

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

```
.border{ border-color:rgb(255, 187, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1825, 0.3397, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 224) }
```

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

```
.background{ background-color: rgb(255,  
187, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor