

Converting Colors

$Y_{xy}(78.6505, 0.3978, 0.2967)$

Have a look what the booklet for
Yxy(78.6505, 0.3978, 0.2967)
contains.

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Color

Yxy(61.3942, 0.3391, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9E1
RGB	255, 185, 225
RGB Percent	100%, 73%, 88%
CMY	0.0000, 0.2745, 0.1175
CMYK	0.00, 0.27, 0.12, 0.00
HSL	326°, 100%, 86%
HSV	326°, 27%, 100%
XYZ	72.1871, 61.3942, 79.2973
YIQ	210.4900, 28.8800, 27.2800

Conversions

Conversions Part 2

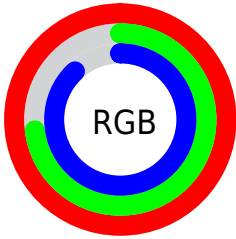
Format	Color
R _{YB}	255, 185, 225
Decimal	16759265
CIE _{Lab}	82.59, 31.23, -9.96
CIE _{LCh}	83, 32.779, 342.315
Y _{xy}	61.3942, 0.3391, 0.2884
Android (android.graphics.Color)	4294949345 (0xFFFFB9E1)
YUV	210.4900, 7.1534, 39.0353
Hunter-Lab	78.3545, 27.3299, -5.1553

Details

The Yxy color **61.3942, 0.3391, 0.2884** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.7383, 0.2930, 0.3736**, and the grayscale version is **64.7243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **31.0052, 0.3447, 0.2783** is the 20% darker color. If you saturate the color by 10%, you get **51.0873, 0.3522, 0.2731**, and if you desaturate by 10%, it is **73.6508, 0.3280, 0.3037**.

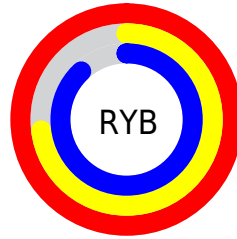
Distribution



Red (100%)

Green (73%)

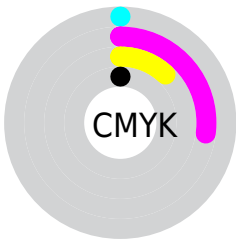
Blue (88%)



Red (100%)

Yellow (73%)

Blue (88%)

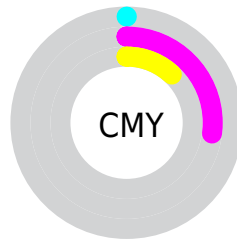


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3942, 0.3391, 0.2884 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 61.3942, 0.3391, 0.2884 by changing the saturation by 10% instead.

 61.3942, 0.3391,
0.2884

 61.3942, 0.3391,
0.2884

429.7179, 0.3268,
0.3071

 44.5434, 0.3419,
0.2842


 106.8495, 0.3348,
0.2949

 31.0979, 0.3454,
0.2789


136.2228, 0.3332,
0.2974

 20.6734, 0.3498,
0.2723


170.5390, 0.3318,
0.2996

 12.8855, 0.3556,
0.2637

210.1825, 0.3305,
0.3015

 7.3497, 0.3635,
0.2521

255.5378, 0.3294,
0.3031

 3.6818, 0.3750,
0.2355


306.9892, 0.3285,

 1.4972, 0.3930,

0.3046

0.2100

364.9211, 0.3276,
0.3059

 0.2868, 0.4476,
0.1222

 0.0000, 0.0000,
0.0000


 61.3942, 0.3391,
0.2884


 61.3942, 0.3391,
0.2884

 51.0873, 0.3522,
0.2731

 73.6508, 0.3280,
0.3037

 42.6296, 0.3674,
0.2586

 87.9548, 0.3186,
0.3185

 35.9076, 0.3847,
0.2458

100.0000, 0.3127,
0.3290

 30.7964, 0.4037,
0.2358

■ 27.1541, 0.4238,
0.2301

■ 24.8139, 0.4443,
0.2294

■ 23.5581, 0.4642,
0.2341

■ 23.3296, 0.4692,
0.2358

Harmonies

Analogous

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



61.3942, 0.2966, 0.2681



61.3942, 0.3391, 0.2884



61.3942, 0.3762, 0.3183

Triad

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



61.3942, 0.3391, 0.2884



61.3942, 0.3637, 0.4022



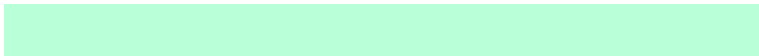
61.3942, 0.2367, 0.2970

Complementary

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



61.3942, 0.3391, 0.2884



86.7383, 0.2930, 0.3736

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.



61.3942, 0.2521, 0.3356



61.3942, 0.3391, 0.2884



61.3942, 0.3245, 0.4006

Square

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



61.3942, 0.3391, 0.2884



61.3942, 0.3902, 0.3830



61.3942, 0.2837, 0.3753



61.3942, 0.2398, 0.2709

Rectangle

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



61.3942, 0.3391, 0.2884



61.3942, 0.3915, 0.3408



61.3942, 0.2837, 0.3753



61.3942, 0.2398, 0.3088

Sweetspot

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



61.3934, 0.3391, 0.2884



87.1180, 0.3191, 0.3177



56.2365, 0.2852, 0.2538



18.1612, 0.3204, 0.3155



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.



61.3934, 0.3391, 0.2884



55.4420, 0.3461, 0.2799



59.7098, 0.3678, 0.3231



18.1612, 0.3204, 0.3155



12.2207, 0.4661, 0.2341



1.2118, 0.4449, 0.2225

Inverse Universe

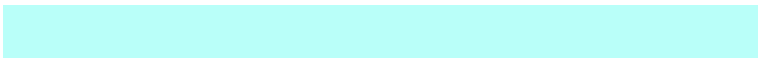
The Inverse Universe completely reimagines the original color for something new.



61.3934, 0.3391, 0.2884



55.4420, 0.3461, 0.2799



88.6836, 0.2755, 0.3351



18.1612, 0.3204, 0.3155



12.2207, 0.4661, 0.2341



1.2118, 0.4449, 0.2225

Previews

White Background



This preview shows how the Yxy color 61.3942, 0.3391, 0.2884 looks on a white background.

Color Contrast Check

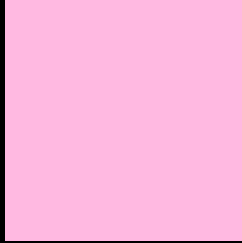
Large Text (above 18pt) WCAG AA × Fail

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 61.3942, 0.3391, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

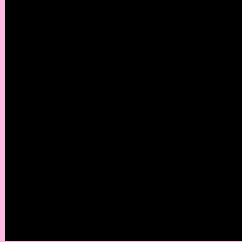
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3942, 0.3391, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 61.3942, 0.3391, 0.2884.



This preview shows how white text looks on a background with the Yxy color 61.3942, 0.3391, 0.2884.

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

61.3942, 0.3391, 0.2884

Protanopia

61.5795, 0.2876, 0.2917

Deuteranopia

61.4879, 0.3108, 0.3045



Tritanopia

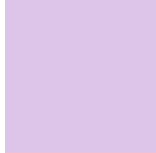
61.4024, 0.3540, 0.3145

Trichromacy



Original Color

61.3942, 0.3391, 0.2884



Protanomaly

61.0313, 0.3046, 0.2896



Deuteranomaly

61.3469, 0.3204, 0.2988



Tritanomaly

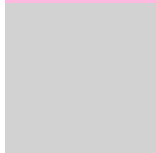
61.5522, 0.3484, 0.3053

Monochromacy



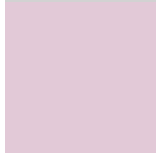
Original Color

61.3942, 0.3391, 0.2884



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.8483, 0.3220, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3942, 0.3391, 0.2884 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, 185, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 225)  
}
```

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, 185, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 225) }
```

Border

The CSS property to change the border of an element to Yxy 61.3942, 0.3391, 0.2884 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, 185, 225) }
```

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

```
.border{ border-color:rgb(255, 185, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3942, 0.3391, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 225) }
```

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

```
.background{ background-color: rgb(255,  
185, 225) }
```

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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