

Converting Colors

Yxy(61.4967, 0.3381, 0.2902)

Have a look what the booklet for
Yxy(61.4967, 0.3381, 0.2902)
contains.

Yxy(61.3823, 0.3382, 0.2902)	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(61.3823, 0.3382, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	FDBAE0
RGB	253, 186, 224
RGB Percent	99%, 73%, 88%
CMY	0.0076, 0.2707, 0.1216
CMYK	0.00, 0.27, 0.11, 0.01
HSL	326°, 95%, 86%
HSV	326°, 27%, 99%
XYZ	71.5351, 61.3823, 78.5998
YIQ	210.3650, 27.7340, 26.0220

Conversions

Conversions Part 2

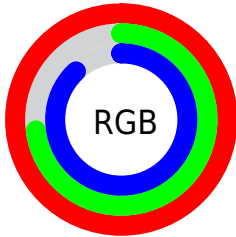
Format	Color
R _Y B	253, 186, 224
Decimal	16628448
CIE Lab	82.58, 29.88, -9.44
CIE LCh	83, 31.336, 342.468
Yxy	61.3823, 0.3382, 0.2902
Android (android.graphics.Color)	4294818528 (0xFFFD8AE0)
YUV	210.3650, 6.7221, 37.3909
Hunter-Lab	78.3469, 25.8736, -4.6386

Details

The Yxy color $61.3823, 0.3382, 0.2902$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.6277, 0.2934, 0.3714$, and the grayscale version is $64.6455, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $31.1029, 0.3445, 0.2807$ is the 20% darker color. If you saturate the color by 10%, you get $51.0760, 0.3513, 0.2750$, and if you desaturate by 10%, it is $73.6203, 0.3271, 0.3053$.

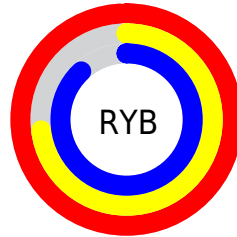
Distribution



Red (99%)

Green (73%)

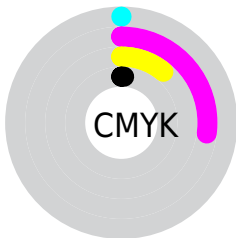
Blue (88%)



Red (99%)

Yellow (73%)

Blue (88%)

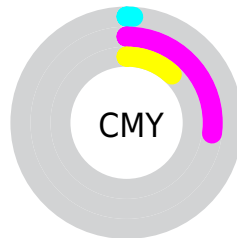


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3823, 0.3382, 0.2902 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 61.3823, 0.3382, 0.2902 by changing the saturation by 10% instead.

 61.3823, 0.3382,
0.2902

 61.3823, 0.3382,
0.2902

429.6743, 0.3263,
0.3081

 44.5338, 0.3409,
0.2861


 106.8323, 0.3341,
0.2964

 31.0904, 0.3443,
0.2811


136.2025, 0.3325,
0.2988

 20.6677, 0.3486,
0.2747


170.5155, 0.3311,
0.3009

 12.8813, 0.3542,
0.2665

210.1555, 0.3299,
0.3027

 7.3469, 0.3619,
0.2552

255.5070, 0.3288,
0.3043

 3.6800, 0.3731,
0.2391


306.9544, 0.3279,

 1.4962, 0.3908,


0.3057

0.2144


364.8820, 0.3271,
0.3070


 0.2860, 0.4458,
0.1261


 0.0000, 0.0000,
0.0000

 61.3823, 0.3382,
0.2902


 61.3823, 0.3382,
0.2902


 51.0760, 0.3513,
0.2750


 73.6203, 0.3271,
0.3053

 42.5927, 0.3664,
0.2605

 87.8747, 0.3179,
0.3199

 35.8258, 0.3837,
0.2476

 99.6322, 0.3115,
0.3290

 30.6539, 0.4029,
0.2374

■ 26.9396, 0.4232,
0.2313

■ 24.5220, 0.4440,
0.2302

■ 23.1997, 0.4643,
0.2346

■ 22.8890, 0.4712,
0.2370

Harmonies

Analogous

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



61.3823, 0.2975, 0.2706



61.3823, 0.3382, 0.2902



61.3823, 0.3735, 0.3190

Triad

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



61.3823, 0.3382, 0.2902



61.3823, 0.3614, 0.3990



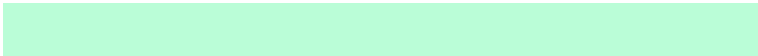
61.3823, 0.2398, 0.2983

Complementary

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



61.3823, 0.3382, 0.2902



85.6277, 0.2934, 0.3714

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.



61.3823, 0.2546, 0.3352



61.3823, 0.3382, 0.2902



61.3823, 0.3239, 0.3972

Square

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



61.3823, 0.3382, 0.2902



61.3823, 0.3868, 0.3810



61.3823, 0.2849, 0.3730



61.3823, 0.2429, 0.2733

Rectangle

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



61.3823, 0.3382, 0.2902



61.3823, 0.3880, 0.3406



61.3823, 0.2849, 0.3730



61.3823, 0.2428, 0.3097

Sweetspot

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



61.3851, 0.3382, 0.2902



87.1118, 0.3192, 0.3178



56.4914, 0.2863, 0.2567



18.1596, 0.3205, 0.3156



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.



61.3851, 0.3382, 0.2902



56.4500, 0.3451, 0.2818



59.7900, 0.3652, 0.3233



18.1596, 0.3205, 0.3156



12.2004, 0.4682, 0.2353



1.2098, 0.4467, 0.2234

Inverse Universe

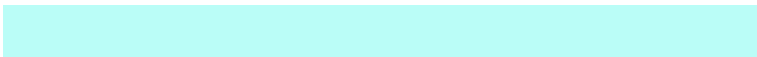
The Inverse Universe completely reimagines the original color for something new.



61.3851, 0.3382, 0.2902



56.4500, 0.3451, 0.2818



87.4637, 0.2766, 0.3349



18.1596, 0.3205, 0.3156



12.2004, 0.4682, 0.2353



1.2098, 0.4467, 0.2234

Previews

White Background



This preview shows how the Yxy color 61.3823, 0.3382, 0.2902 looks on a white background.

Color Contrast Check

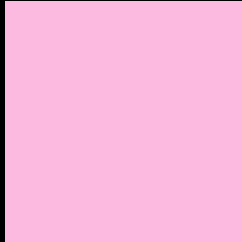
Large Text (above 18pt) WCAG AA × Fail

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 61.3823, 0.3382, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

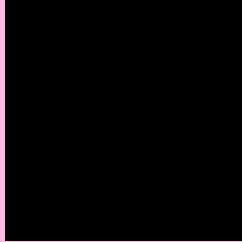
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3823, 0.3382, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 61.3823, 0.3382, 0.2902.



This preview shows how white text looks on a background with the Yxy color 61.3823, 0.3382, 0.2902.

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

61.3823, 0.3382, 0.2902

Protanopia

61.6594, 0.2889, 0.2929

Deuteranopia

61.5891, 0.3123, 0.3057



Tritanopia

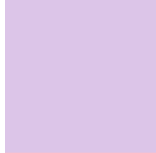
61.2641, 0.3524, 0.3134

Trichromacy



Original Color

61.3823, 0.3382, 0.2902



Protanomaly

60.9743, 0.3053, 0.2907



Deuteranomaly

61.2931, 0.3212, 0.2998



Tritanomaly

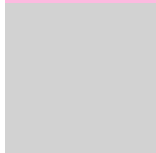
61.3650, 0.3476, 0.3052

Monochromacy



Original Color

61.3823, 0.3382, 0.2902



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 61.3823, 0.3382, 0.2902 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(253, 186, 224)` looks like.

```
.text, #text, p{  
    color:rgb(253, 186, 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(253, 186, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 186, 224) }
```

Border

The CSS property to change the border of an element to Yxy 61.3823, 0.3382, 0.2902 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(253, 186, 224) }
```

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

```
.border{ border-color:rgb(253, 186, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 186, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 186, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 186, 224);  
box-shadow:4px 4px 4px 4px rgb(253, 186,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3823, 0.3382, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 186, 224) }
```

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

```
.background{ background-color: rgb(253,  
186, 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](#).

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