

Converting Colors

$Y_{xy}(75.5917, 0.3840, 0.2920)$

Have a look what the booklet for
Yxy(75.5917, 0.3840, 0.2920)
contains.

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Color

Yxy(62.0910, 0.3350, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAE6
RGB	255, 186, 230
RGB Percent	100%, 73%, 90%
CMY	0.0000, 0.2706, 0.0981
CMYK	0.00, 0.27, 0.10, 0.00
HSL	322°, 100%, 86%
HSV	322°, 27%, 100%
XYZ	73.0867, 62.0910, 82.9916
YIQ	211.6470, 27.0000, 28.3120

Conversions

Conversions Part 2

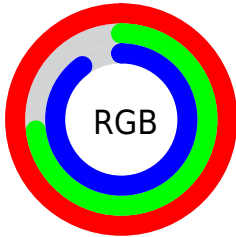
Format	Color
R _Y B	255, 186, 230
Decimal	16759526
CIE Lab	82.96, 31.52, -12.07
CIE LCh	83, 33.748, 339.046
Yxy	62.0910, 0.3350, 0.2846
Android (android.graphics.Color)	4294949606 (0xFFFFBAE6)
YUV	211.6470, 9.0480, 38.0206
Hunter-Lab	78.7978, 27.6665, -7.2870

Details

The Yxy color $62.0910, 0.3350, 0.2846$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.6621, 0.2957, 0.3781$, and the grayscale version is $65.5151, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $31.4288, 0.3402, 0.2747$ is the 20% darker color. If you saturate the color by 10%, you get $51.7819, 0.3460, 0.2677$, and if you desaturate by 10%, it is $74.3422, 0.3255, 0.3015$.

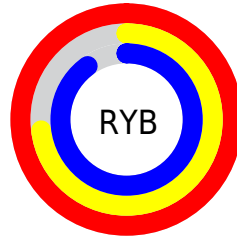
Distribution



Red (100%)

Green (73%)

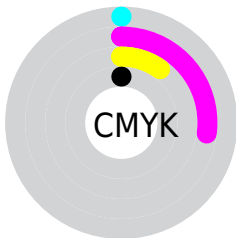
Blue (90%)



Red (100%)

Yellow (73%)

Blue (90%)

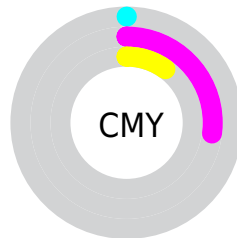


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0910, 0.3350, 0.2846 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 62.0910, 0.3350, 0.2846 by changing the saturation by 10% instead.


 62.0910, 0.3350,
0.2846

 62.0910, 0.3350,
0.2846


432.2629, 0.3248,
0.3049

 45.1062, 0.3373,
0.2800


 107.8570, 0.3315,
0.2916

 31.5411, 0.3402,
0.2744


137.4071, 0.3301,
0.2943

 21.0112, 0.3437,
0.2673


171.9144, 0.3289,
0.2967

 13.1322, 0.3484,
0.2581

211.7633, 0.3279,
0.2988

 7.5197, 0.3547,
0.2458

257.3382, 0.3270,
0.3006

 3.7892, 0.3636,
0.2283


309.0235, 0.3262,


 1.5563, 0.3771,


0.3022


0.2019


367.2036, 0.3254,
0.3036


 0.3279, 0.4163,
0.1236


 0.0000, 1.0000,
0.0000

 62.0910, 0.3350,
0.2846


 62.0910, 0.3350,
0.2846

 51.7819, 0.3460,
0.2677


 74.3422, 0.3255,
0.3015

 43.3163, 0.3586,
0.2517

 88.6340, 0.3176,
0.3179

 36.5811, 0.3728,
0.2374

100.0000, 0.3127,
0.3290

 31.4521, 0.3883,
0.2260

■ 27.7886, 0.4045,
0.2187

■ 25.4252, 0.4210,
0.2163

■ 24.1508, 0.4370,
0.2192

■ 23.8899, 0.4417,
0.2207

Harmonies

Analogous

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



62.0910, 0.2916, 0.2652



62.0910, 0.3350, 0.2846



62.0910, 0.3744, 0.3143

Triad

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



62.0910, 0.3350, 0.2846



62.0910, 0.3687, 0.4028



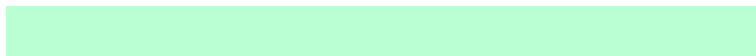
62.0910, 0.2357, 0.2999

Complementary

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



62.0910, 0.3350, 0.2846



86.6621, 0.2957, 0.3781

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.



62.0910, 0.2534, 0.3403



62.0910, 0.3350, 0.2846



62.0910, 0.3294, 0.4040

Square

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



62.0910, 0.3350, 0.2846



62.0910, 0.3939, 0.3812



62.0910, 0.2872, 0.3804



62.0910, 0.2368, 0.2716

Rectangle

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



62.0910, 0.3350, 0.2846



62.0910, 0.3917, 0.3372



62.0910, 0.2872, 0.3804



62.0910, 0.2395, 0.3125

Sweetspot

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



62.0898, 0.3350, 0.2846



87.2008, 0.3183, 0.3164



56.0603, 0.2823, 0.2543



18.1821, 0.3194, 0.3140



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.



62.0898, 0.3350, 0.2846



56.7606, 0.3402, 0.2762



60.3782, 0.3628, 0.3184



18.1821, 0.3194, 0.3140



12.5126, 0.4392, 0.2193



1.2393, 0.4220, 0.2099

Inverse Universe

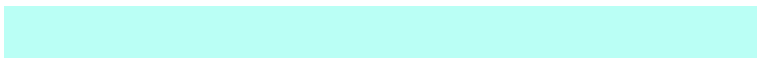
The Inverse Universe completely reimagines the original color for something new.



62.0898, 0.3350, 0.2846



56.7606, 0.3402, 0.2762



88.5300, 0.2782, 0.3401



18.1821, 0.3194, 0.3140



12.5126, 0.4392, 0.2193



1.2393, 0.4220, 0.2099

Previews

White Background



This preview shows how the Yxy color 62.0910, 0.3350, 0.2846 looks on a white background.

Color Contrast Check

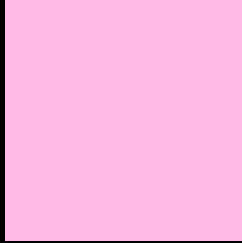
Large Text (above 18pt) WCAG AA × Fail

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 62.0910, 0.3350, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

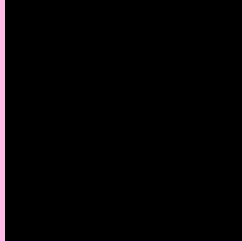
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0910, 0.3350, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 62.0910, 0.3350, 0.2846.



This preview shows how white text looks on a background with the Yxy color 62.0910, 0.3350, 0.2846.

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

62.0910, 0.3350, 0.2846

Protanopia

62.3528, 0.2845, 0.2876

Deuteranopia

62.2248, 0.3072, 0.3003



Tritanopia

61.9301, 0.3522, 0.3135

Trichromacy



Original Color

62.0910, 0.3350, 0.2846



Protanomaly

61.7769, 0.3012, 0.2856



Deuteranomaly

62.0702, 0.3167, 0.2947



Tritanomaly

62.1329, 0.3458, 0.3033

Monochromacy



Original Color

62.0910, 0.3350, 0.2846



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.3203, 0.3204, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0910, 0.3350, 0.2846 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, 186, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 230)  
}
```

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, 186, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 230) }
```

Border

The CSS property to change the border of an element to Yxy 62.0910, 0.3350, 0.2846 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, 186, 230) }
```

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

```
.border{ border-color:rgb(255, 186, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0910, 0.3350, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 230) }
```

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

```
.background{ background-color: rgb(255,  
186, 230) }
```

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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