

Converting Colors

$Y_{xy}(68.3012, 0.3745, 0.3104)$

Have a look what the booklet for
Yxy(68.3012, 0.3745, 0.3104)
contains.

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Color

Yxy(62.2586, 0.3516, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD1
RGB	255, 189, 209
RGB Percent	100%, 74%, 82%
CMY	0.0000, 0.2589, 0.1804
CMYK	0.00, 0.26, 0.18, 0.00
HSL	342°, 100%, 87%
HSV	342°, 26%, 100%
XYZ	70.9566, 62.2586, 68.5955
YIQ	211.0140, 32.9160, 20.2120

Conversions

Conversions Part 2

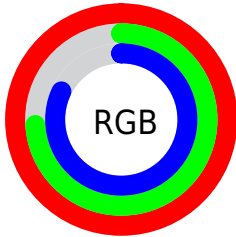
Format	Color
R _Y B	255, 189, 209
Decimal	16760273
CIE Lab	83.05, 26.64, -0.67
CIE LCh	83, 26.647, 358.549
Yxy	62.2586, 0.3516, 0.3085
Android (android.graphics.Color)	4294950353 (0xFFFFBDD1)
YUV	211.0140, -0.9929, 38.5757
Hunter-Lab	78.9041, 22.4387, 3.6890

Details

The Yxy color **62.2586, 0.3516, 0.3085** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3352, 0.2847, 0.3506**, and the grayscale version is **65.1357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **31.5648, 0.3606, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **51.3999, 0.3729, 0.3002**, and if you desaturate by 10%, it is **75.1342, 0.3341, 0.3167**.

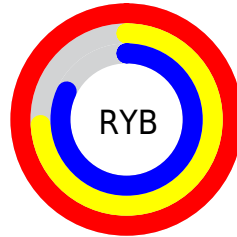
Distribution



Red (100%)

Green (74%)

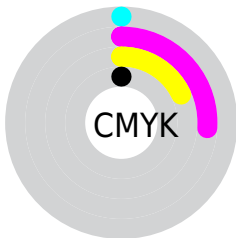
Blue (82%)



Red (100%)

Yellow (74%)

Blue (82%)

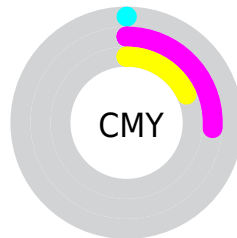


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2586, 0.3516, 0.3085 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 62.2586, 0.3516, 0.3085 by changing the saturation by 10% instead.

 62.2586, 0.3516,
0.3085

 62.2586, 0.3516,
0.3085

432.8738, 0.3331,
0.3182

 45.2417, 0.3559,
0.3062


 108.0992, 0.3451,
0.3119

 31.6478, 0.3614,
0.3034

137.6917, 0.3426,
0.3132

 21.0927, 0.3684,
0.2997


172.2448, 0.3404,
0.3144

 13.1917, 0.3777,
0.2948

212.1429, 0.3386,
0.3153

 7.5607, 0.3908,
0.2880

257.7705, 0.3370,
0.3162

 3.8152, 0.4104,
0.2779


309.5119, 0.3355,

 1.5707, 0.4428,


0.3170


0.2612


367.7515, 0.3343,
0.3176


 0.3377, 0.5651,
0.1951


 0.0000, 0.0000,
0.0000


 62.2586, 0.3516,
0.3085


 62.2586, 0.3516,
0.3085

 51.3999, 0.3729,
0.3002


 75.1342, 0.3341,
0.3167

 42.4685, 0.3986,
0.2923

 90.1381, 0.3198,
0.3246

 35.3461, 0.4288,
0.2856

100.0000, 0.3127,
0.3290

 29.9070, 0.4630,
0.2813

■ 26.0094, 0.4996,
0.2805

■ 23.4877, 0.5359,
0.2842

■ 22.1373, 0.5682,
0.2927

■ 21.7999, 0.5800,
0.2969

Harmonies

Analogous

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



62.2586, 0.3184, 0.2867



62.2586, 0.3516, 0.3085



62.2586, 0.3745, 0.3357

Triad

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



62.2586, 0.3516, 0.3085



62.2586, 0.3380, 0.3895



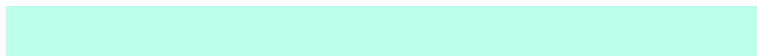
62.2586, 0.2498, 0.2903

Complementary

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



62.2586, 0.3516, 0.3085



88.3352, 0.2847, 0.3506

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.



62.2586, 0.2545, 0.3171



62.2586, 0.3516, 0.3085



62.2586, 0.3043, 0.3773

Square

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



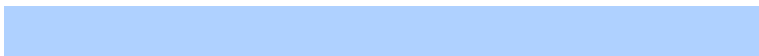
62.2586, 0.3516, 0.3085



62.2586, 0.3659, 0.3832



62.2586, 0.2740, 0.3497



62.2586, 0.2607, 0.2756

Rectangle

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



62.2586, 0.3516, 0.3085



62.2586, 0.3802, 0.3542



62.2586, 0.2740, 0.3497



62.2586, 0.2496, 0.2981

Sweetspot

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



62.2537, 0.3516, 0.3085



86.7858, 0.3226, 0.3230



61.1192, 0.3000, 0.2612



18.0777, 0.3246, 0.3218



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.



62.2537, 0.3516, 0.3085



56.4569, 0.3620, 0.3042



66.7494, 0.3652, 0.3417



18.0777, 0.3246, 0.3218



11.4139, 0.5758, 0.2945



1.1297, 0.5437, 0.2769

Inverse Universe

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



62.2537, 0.3516, 0.3085



56.4569, 0.3620, 0.3042



82.0775, 0.2735, 0.3159



18.0777, 0.3246, 0.3218



11.4139, 0.5758, 0.2945



1.1297, 0.5437, 0.2769

Previews

White Background



This preview shows how the Yxy color 62.2586, 0.3516, 0.3085 looks on a white background.

Color Contrast Check

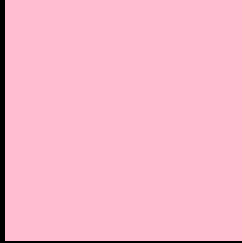
Large Text (above 18pt) WCAG AA × Fail

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 62.2586, 0.3516, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

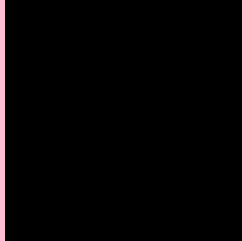
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2586, 0.3516, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 62.2586, 0.3516, 0.3085.

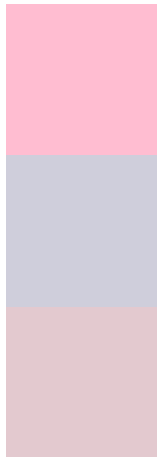


This preview shows how white text looks on a background with the Yxy color 62.2586, 0.3516, 0.3085.

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

62.2586, 0.3516, 0.3085

Protanopia

62.5225, 0.3045, 0.3142

Deuteranopia

62.6092, 0.3287, 0.3224



Tritanopia

62.2574, 0.3547, 0.3146

Trichromacy



Original Color

62.2586, 0.3516, 0.3085

Protanomaly

62.0621, 0.3205, 0.3124

Deuteranomaly

62.4911, 0.3364, 0.3172

Tritanomaly

62.3540, 0.3530, 0.3126

Monochromacy



Original Color

62.2586, 0.3516, 0.3085

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.6959, 0.3262, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2586, 0.3516, 0.3085 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, 189, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 209)  
}
```

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, 189, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 209) }
```

Border

The CSS property to change the border of an element to Yxy 62.2586, 0.3516, 0.3085 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, 189, 209) }
```

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

```
.border{ border-color:rgb(255, 189, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2586, 0.3516, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 209) }
```

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

```
.background{ background-color: rgb(255,  
189, 209) }
```

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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