

Converting Colors

$Y_{xy}(68.1301, 0.3730, 0.3056)$

Have a look what the booklet for
Yxy(68.1301, 0.3730, 0.3056)
contains.

Yxy(62.0305, 0.3484, 0.3034)	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(62.0305, 0.3484, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCD5
RGB	255, 188, 213
RGB Percent	100%, 74%, 84%
CMY	0.0001, 0.2627, 0.1646
CMYK	0.00, 0.26, 0.16, 0.00
HSL	338°, 100%, 87%
HSV	338°, 26%, 100%
XYZ	71.2308, 62.0305, 71.1899
YIQ	210.8830, 31.9070, 21.9790

Conversions

Conversions Part 2

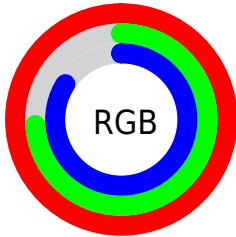
Format	Color
R_{YB}	255, 188, 213
Decimal	16760021
CIE _{Lab}	82.93, 27.74, -3.02
CIE _{LCh}	83, 27.907, 353.791
Yxy	62.0305, 0.3484, 0.3034
Android (android.graphics.Color)	4294950101 (0xFFFFBCD5)
YUV	210.8830, 1.0437, 38.6906
Hunter-Lab	78.7594, 23.6081, 1.5399

Details

The Yxy color **62.0305, 0.3484, 0.3034** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9109, 0.2868, 0.3563**, and the grayscale version is **65.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.3891, 0.3575, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **51.3122, 0.3676, 0.2932**, and if you desaturate by 10%, it is **74.7588, 0.3326, 0.3135**.

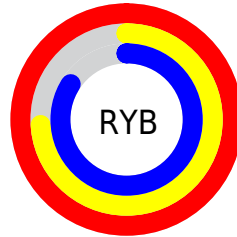
Distribution



Red (100%)

Green (74%)

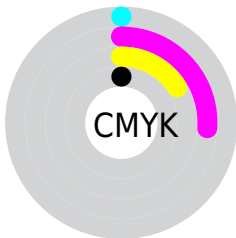
Blue (84%)



Red (100%)

Yellow (74%)

Blue (84%)

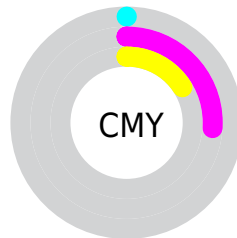


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0305, 0.3484, 0.3034 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 62.0305, 0.3484, 0.3034 by changing the saturation by 10% instead.

 62.0305, 0.3484,
0.3034

 62.0305, 0.3484,
0.3034


432.0423, 0.3315,
0.3154

 45.0573, 0.3524,
0.3006


 107.7696, 0.3425,
0.3076

 31.5026, 0.3573,
0.2971


137.3044, 0.3402,
0.3092

 20.9819, 0.3637,
0.2927

171.7951, 0.3382,
0.3106

 13.1107, 0.3721,
0.2869

211.6262, 0.3365,
0.3118

 7.5049, 0.3839,
0.2788

257.1821, 0.3350,
0.3129

 3.7798, 0.4015,
0.2669


308.8471, 0.3337,

 1.5512, 0.4303,


0.3138


0.2478


367.0058, 0.3325,
0.3147


 0.3243, 0.5280,
0.1723

 0.0000, 0.0000,
0.0000

 62.0305, 0.3484,
0.3034


 62.0305, 0.3484,
0.3034

 51.3122, 0.3676,
0.2932


 74.7588, 0.3326,
0.3135

 42.4918, 0.3905,
0.2835

 89.5847, 0.3196,
0.3232

 35.4592, 0.4172,
0.2751

99.9962, 0.3127,
0.3290

 30.0895, 0.4474,
0.2692

■ 26.2411, 0.4799,
0.2672

■ 23.7487, 0.5126,
0.2702

■ 22.4071, 0.5428,
0.2784

■ 22.0872, 0.5534,
0.2822

Harmonies

Analogous

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



62.0305, 0.3129, 0.2821



62.0305, 0.3484, 0.3034



62.0305, 0.3749, 0.3313

Triad

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



62.0305, 0.3484, 0.3034



62.0305, 0.3445, 0.3927



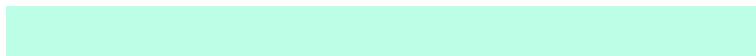
62.0305, 0.2466, 0.2921

Complementary

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



62.0305, 0.3484, 0.3034



87.9109, 0.2868, 0.3563

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.



62.0305, 0.2540, 0.3217



62.0305, 0.3484, 0.3034



62.0305, 0.3094, 0.3831

Square

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



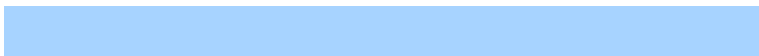
62.0305, 0.3484, 0.3034



62.0305, 0.3719, 0.3831



62.0305, 0.2765, 0.3560



62.0305, 0.2555, 0.2746

Rectangle

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



62.0305, 0.3484, 0.3034



62.0305, 0.3829, 0.3508



62.0305, 0.2765, 0.3560



62.0305, 0.2473, 0.3008

Sweetspot

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



62.0333, 0.3484, 0.3034



86.8720, 0.3217, 0.3216



59.8990, 0.2964, 0.2594



18.0993, 0.3235, 0.3202



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.



62.0333, 0.3484, 0.3034



55.6550, 0.3590, 0.2975



64.2883, 0.3673, 0.3373



18.0993, 0.3235, 0.3202



11.5696, 0.5491, 0.2798



1.1468, 0.5181, 0.2628

Inverse Universe

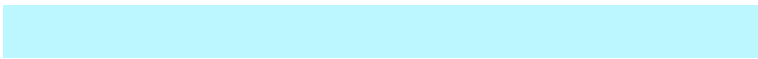
The Inverse Universe completely reimagines the original color for something new.



62.0333, 0.3484, 0.3034



55.6550, 0.3590, 0.2975



84.5352, 0.2734, 0.3205



18.0993, 0.3235, 0.3202



11.5696, 0.5491, 0.2798



1.1468, 0.5181, 0.2628

Previews

White Background



This preview shows how the Yxy color 62.0305, 0.3484, 0.3034 looks on a white background.

Color Contrast Check

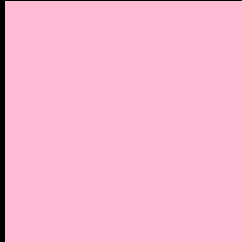
Large Text (above 18pt) WCAG AA × Fail

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 62.0305, 0.3484, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

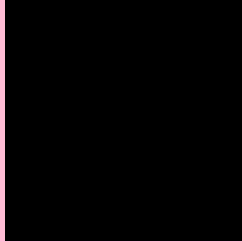
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0305, 0.3484, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 62.0305, 0.3484, 0.3034.



This preview shows how white text looks on a background with the Yxy color 62.0305, 0.3484, 0.3034.

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

62.0305, 0.3484, 0.3034

Protanopia

62.6462, 0.3004, 0.3086

Deuteranopia

62.0193, 0.3242, 0.3169



Tritanopia

62.2574, 0.3547, 0.3146

Trichromacy



Original Color

62.0305, 0.3484, 0.3034

Protanomaly

61.8614, 0.3169, 0.3059

Deuteranomaly

62.0662, 0.3326, 0.3118

Tritanomaly

61.9710, 0.3524, 0.3105

Monochromacy



Original Color

62.0305, 0.3484, 0.3034

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.7962, 0.3248, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0305, 0.3484, 0.3034 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, 188, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 213)  
}
```

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, 188, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 213) }
```

Border

The CSS property to change the border of an element to Yxy 62.0305, 0.3484, 0.3034 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, 188, 213) }
```

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

```
.border{ border-color:rgb(255, 188, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0305, 0.3484, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 213) }
```

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

```
.background{ background-color: rgb(255,  
188, 213) }
```

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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