

Converting Colors

$Y_{xy}(93.8233, 0.4381, 0.3099)$

Have a look what the booklet for
Yxy(93.8233, 0.4381, 0.3099)
contains.

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Color

Yxy(62.6131, 0.3458, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD8
RGB	255, 189, 216
RGB Percent	100%, 74%, 85%
CMY	0.0000, 0.2588, 0.1528
CMYK	0.00, 0.26, 0.15, 0.00
HSL	335°, 100%, 87%
HSV	335°, 26%, 100%
XYZ	71.8368, 62.6131, 73.2910
YIQ	211.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

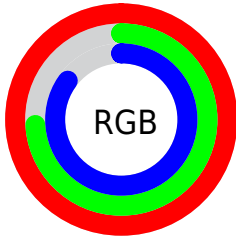
Format	Color
R _Y B	255, 189, 216
Decimal	16760280
CIE Lab	83.24, 27.70, -4.18
CIE LCh	83, 28.010, 351.424
Yxy	62.6131, 0.3458, 0.3014
Android (android.graphics.Color)	4294950360 (0xFFFFBDD8)
YUV	211.8120, 2.0647, 37.8759
Hunter-Lab	79.1284, 23.5765, 0.4738

Details

The Yxy color **62.6131, 0.3458, 0.3014** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.9382, 0.2884, 0.3585**, and the grayscale version is **65.6801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **31.7715, 0.3539, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **51.8490, 0.3637, 0.2902**, and if you desaturate by 10%, it is **75.3817, 0.3310, 0.3125**.

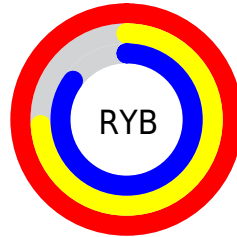
Distribution



Red (100%)

Green (74%)

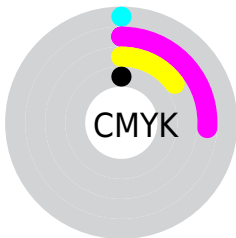
Blue (85%)



Red (100%)

Yellow (74%)

Blue (85%)

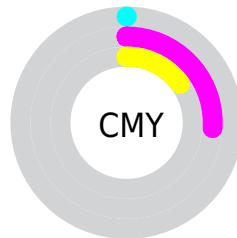


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6131, 0.3458, 0.3014 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 62.6131, 0.3458, 0.3014 by changing the saturation by 10% instead.

 62.6131, 0.3458,
0.3014

 62.6131, 0.3458,
0.3014


434.1640, 0.3302,
0.3143

 45.5283, 0.3494,
0.2984


 108.6111, 0.3403,
0.3059

 31.8737, 0.3540,
0.2947


138.2932, 0.3382,
0.3076

 21.2651, 0.3598,
0.2901


172.9430, 0.3364,
0.3091

 13.3179, 0.3675,
0.2839

212.9451, 0.3348,
0.3104

 7.6478, 0.3782,
0.2754

258.6839, 0.3335,
0.3116

 3.8704, 0.3941,
0.2631


310.5437, 0.3322,

 1.6014, 0.4199,


0.3126


0.2435


368.9089, 0.3312,
0.3135


 0.3585, 0.4972,
0.1732


 0.0000, 0.0000,
0.0000


 62.6131, 0.3458,
0.3014


 62.6131, 0.3458,
0.3014

 51.8490, 0.3637,
0.2902


 75.3817, 0.3310,
0.3125

 42.9795, 0.3849,
0.2795

 90.2434, 0.3188,
0.3231

 35.8949, 0.4097,
0.2702

100.0000, 0.3127,
0.3290

 30.4709, 0.4377,
0.2634

■ 26.5676, 0.4678,
0.2604

■ 24.0210, 0.4985,
0.2625

■ 22.6284, 0.5274,
0.2700

■ 22.2690, 0.5386,
0.2741

Harmonies

Analogous

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



62.6131, 0.3100, 0.2808



62.6131, 0.3458, 0.3014



62.6131, 0.3734, 0.3289

Triad

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



62.6131, 0.3458, 0.3014



62.6131, 0.3470, 0.3926



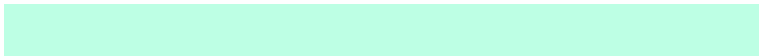
62.6131, 0.2466, 0.2940

Complementary

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



62.6131, 0.3458, 0.3014



87.9382, 0.2884, 0.3585

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.



62.6131, 0.2553, 0.3243



62.6131, 0.3458, 0.3014



62.6131, 0.3122, 0.3846

Square

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



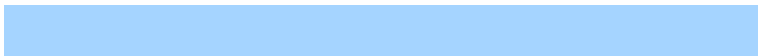
62.6131, 0.3458, 0.3014



62.6131, 0.3736, 0.3817



62.6131, 0.2788, 0.3586



62.6131, 0.2542, 0.2754

Rectangle

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



62.6131, 0.3458, 0.3014



62.6131, 0.3825, 0.3485



62.6131, 0.2788, 0.3586



62.6131, 0.2477, 0.3031

Sweetspot

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



62.6154, 0.3458, 0.3014



86.9164, 0.3212, 0.3209



60.0279, 0.2951, 0.2602



18.1105, 0.3230, 0.3193



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.



62.6154, 0.3458, 0.3014



56.8617, 0.3545, 0.2957



63.7410, 0.3669, 0.3349



18.1105, 0.3230, 0.3193



11.6639, 0.5344, 0.2718



1.1567, 0.5047, 0.2554

Inverse Universe

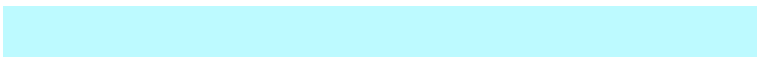
The Inverse Universe completely reimagines the original color for something new.



62.6154, 0.3458, 0.3014



56.8617, 0.3545, 0.2957



86.0998, 0.2741, 0.3230



18.1105, 0.3230, 0.3193



11.6639, 0.5344, 0.2718



1.1567, 0.5047, 0.2554

Previews

White Background



This preview shows how the Yxy color 62.6131, 0.3458, 0.3014 looks on a white background.

Color Contrast Check

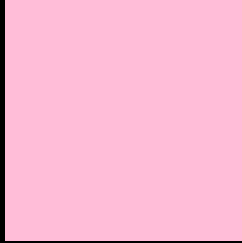
Large Text (above 18pt) WCAG AA × Fail

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 62.6131, 0.3458, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

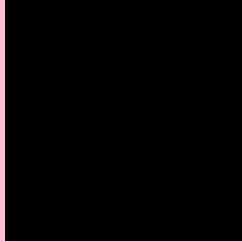
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6131, 0.3458, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 62.6131, 0.3458, 0.3014.



This preview shows how white text looks on a background with the Yxy color 62.6131, 0.3458, 0.3014.

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

62.6131, 0.3458, 0.3014

Protanopia

62.8105, 0.2984, 0.3053

Deuteranopia

62.6359, 0.3219, 0.3147



Tritanopia

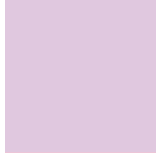
62.7402, 0.3537, 0.3146

Trichromacy



Original Color

62.6131, 0.3458, 0.3014



Protanomaly

62.4836, 0.3147, 0.3038



Deuteranomaly

62.6717, 0.3302, 0.3097



Tritanomaly

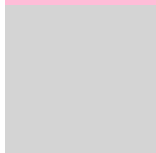
62.5012, 0.3506, 0.3095

Monochromacy



Original Color

62.6131, 0.3458, 0.3014



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.4838, 0.3247, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6131, 0.3458, 0.3014 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.6131, 0.3458, 0.3014 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, 216) }
```

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

```
.border{ border-color:rgb(255, 189, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6131, 0.3458, 0.3014 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
189, 216) }
```

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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