

Converting Colors

$Yxy(98.2967, 0.4507, 0.3141)$

Have a look what the booklet for
Yxy(98.2967, 0.4507, 0.3141)
contains.

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Color

Yxy(62.4087, 0.3491, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD4
RGB	255, 189, 212
RGB Percent	100%, 74%, 83%
CMY	0.0000, 0.2588, 0.1687
CMYK	0.00, 0.26, 0.17, 0.00
HSL	339°, 100%, 87%
HSV	339°, 26%, 100%
XYZ	71.3155, 62.4087, 70.5596
YIQ	211.3560, 31.9530, 21.1450

Conversions

Conversions Part 2

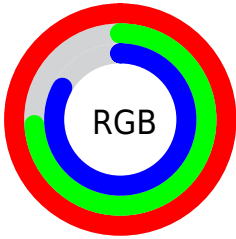
Format	Color
R _Y B	255, 189, 212
Decimal	16760276
CIE Lab	83.13, 27.06, -2.16
CIE LCh	83, 27.145, 355.439
Yxy	62.4087, 0.3491, 0.3055
Android (android.graphics.Color)	4294950356 (0xFFFFBDD4)
YUV	211.3560, 0.3175, 38.2758
Hunter-Lab	78.9992, 22.8900, 2.3434

Details

The Yxy color $62.4087, 0.3491, 0.3055$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.1606, 0.2863, 0.3539$, and the grayscale version is $65.3719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $31.6326, 0.3583, 0.3001$ is the 20% darker color. If you saturate the color by 10%, you get $51.5919, 0.3690, 0.2960$, and if you desaturate by 10%, it is $75.2460, 0.3327, 0.3149$.

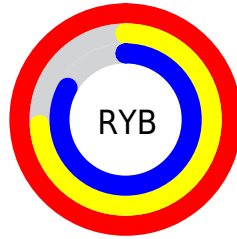
Distribution



Red (100%)

Green (74%)

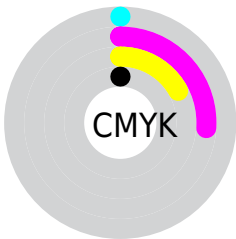
Blue (83%)



Red (100%)

Yellow (74%)

Blue (83%)

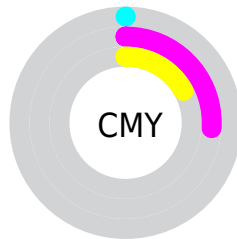


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4087, 0.3491, 0.3055 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 62.4087, 0.3491, 0.3055 by changing the saturation by 10% instead.


 62.4087, 0.3491,
0.3055

 62.4087, 0.3491,
0.3055


433.4203, 0.3319,
0.3166

 45.3630, 0.3531,
0.3029


 108.3160, 0.3430,
0.3094

 31.7435, 0.3582,
0.2997


137.9464, 0.3407,
0.3109

 21.1656, 0.3647,
0.2956


172.5405, 0.3387,
0.3122

 13.2451, 0.3733,
0.2902

212.4827, 0.3370,
0.3133

 7.5976, 0.3854,
0.2827

258.1574, 0.3354,
0.3142

 3.8385, 0.4034,
0.2716


309.9490, 0.3341,

 1.5837, 0.4330,


0.3151


0.2537


368.2418, 0.3329,
0.3159


 0.3465, 0.5331,
0.1850


 0.0000, 0.0000,
0.0000


 62.4087, 0.3491,
0.3055


 62.4087, 0.3491,
0.3055

 51.5919, 0.3690,
0.2960

 75.2460, 0.3327,
0.3149

 42.6834, 0.3928,
0.2869

 90.1914, 0.3194,
0.3240

 35.5732, 0.4207,
0.2791

99.9977, 0.3127,
0.3290

 30.1366, 0.4522,
0.2737

■ 26.2324, 0.4862,
0.2720

■ 23.6960, 0.5203,
0.2752

■ 22.3237, 0.5516,
0.2834

■ 21.9749, 0.5634,
0.2877

Harmonies

Analogous

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



62.4087, 0.3148, 0.2843



62.4087, 0.3491, 0.3055



62.4087, 0.3740, 0.3328

Triad

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



62.4087, 0.3491, 0.3055



62.4087, 0.3418, 0.3908



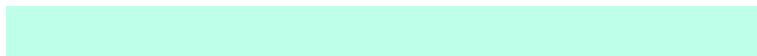
62.4087, 0.2485, 0.2919

Complementary

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



62.4087, 0.3491, 0.3055



88.1606, 0.2863, 0.3539

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.



62.4087, 0.2549, 0.3202



62.4087, 0.3491, 0.3055



62.4087, 0.3077, 0.3803

Square

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



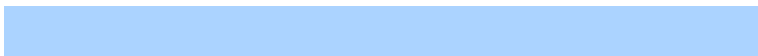
62.4087, 0.3491, 0.3055



62.4087, 0.3691, 0.3825



62.4087, 0.2761, 0.3535



62.4087, 0.2580, 0.2756

Rectangle

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



62.4087, 0.3491, 0.3055



62.4087, 0.3811, 0.3518



62.4087, 0.2761, 0.3535



62.4087, 0.2489, 0.3002

Sweetspot

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



62.4116, 0.3491, 0.3055



86.8407, 0.3220, 0.3221



60.7593, 0.2984, 0.2609



18.0915, 0.3239, 0.3208



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.



62.4116, 0.3491, 0.3055



56.6251, 0.3588, 0.3006



65.7382, 0.3657, 0.3394



18.0915, 0.3239, 0.3208



11.5089, 0.5591, 0.2853



1.1403, 0.5275, 0.2680

Inverse Universe

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



62.4116, 0.3491, 0.3055



56.6251, 0.3588, 0.3006



83.4004, 0.2737, 0.3183



18.0915, 0.3239, 0.3208



11.5089, 0.5591, 0.2853



1.1403, 0.5275, 0.2680

Previews

White Background



This preview shows how the Yxy color 62.4087, 0.3491, 0.3055 looks on a white background.

Color Contrast Check

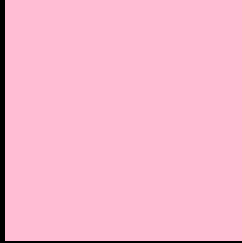
Large Text (above 18pt) WCAG AA × Fail

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 62.4087, 0.3491, 0.3055 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 62.4087, 0.3491, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 62.4087, 0.3491, 0.3055.



This preview shows how white text looks on a background with the Yxy color 62.4087, 0.3491, 0.3055.

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

62.4087, 0.3491, 0.3055

Protanopia

62.6819, 0.3024, 0.3108

Deuteranopia

62.5952, 0.3257, 0.3191



Tritanopia

62.3055, 0.3538, 0.3136

Trichromacy



Original Color

62.4087, 0.3491, 0.3055



Protanomaly

62.2178, 0.3183, 0.3092



Deuteranomaly

62.6402, 0.3341, 0.3140



Tritanomaly

62.4518, 0.3514, 0.3105

Monochromacy



Original Color

62.4087, 0.3491, 0.3055



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.7459, 0.3255, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4087, 0.3491, 0.3055 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.4087, 0.3491, 0.3055 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, 212) }
```

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

```
.border{ border-color:rgb(255, 189, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4087, 0.3491, 0.3055 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
189, 212) }
```

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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