

Converting Colors

Yxy(61.9305, 0.3549, 0.3122)

Have a look what the booklet for
Yxy(61.9305, 0.3549, 0.3122)
contains.

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Color

Yxy(62.0630, 0.3549, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDCD
RGB	255, 189, 205
RGB Percent	100%, 74%, 80%
CMY	0.0000, 0.2588, 0.1961
CMYK	0.00, 0.26, 0.20, 0.00
HSL	345°, 100%, 87%
HSV	345°, 26%, 100%
XYZ	70.4612, 62.0630, 66.0139
YIQ	210.5580, 34.2000, 18.9680

Conversions

Conversions Part 2

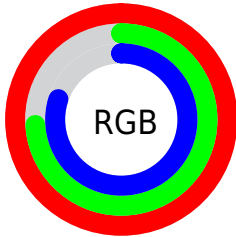
Format	Color
R _Y B	255, 189, 205
Decimal	16760269
CIE Lab	82.95, 26.03, 1.32
CIE LCh	83, 26.061, 2.914
Yxy	62.0630, 0.3549, 0.3126
Android (android.graphics.Color)	4294950349 (0xFFFFBDCD)
YUV	210.5580, -2.7401, 38.9756
Hunter-Lab	78.7801, 21.7859, 5.4639

Details

The Yxy color $62.0630, 0.3549, 0.3126$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.5714, 0.2827, 0.3462$, and the grayscale version is $64.8339, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $31.4326, 0.3651, 0.3079$ is the 20% darker color. If you saturate the color by 10%, you get $51.1628, 0.3783, 0.3060$, and if you desaturate by 10%, it is $75.0047, 0.3358, 0.3192$.

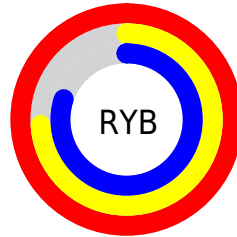
Distribution



Red (100%)

Green (74%)

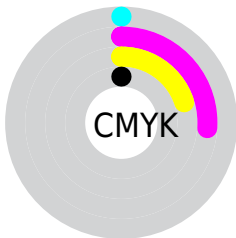
Blue (80%)



Red (100%)

Yellow (74%)

Blue (80%)

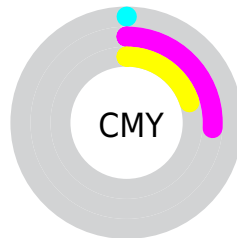


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0630, 0.3549, 0.3126 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 62.0630, 0.3549, 0.3126 by changing the saturation by 10% instead.


 62.0630, 0.3549,
0.3126

 62.0630, 0.3549,
0.3126


432.1609, 0.3348,
0.3205

 45.0836, 0.3597,
0.3107


 107.8166, 0.3478,
0.3154

 31.5233, 0.3656,
0.3084


137.3596, 0.3451,
0.3165

 20.9976, 0.3733,
0.3053

171.8592, 0.3427,
0.3174

 13.1223, 0.3836,
0.3012

211.6998, 0.3407,
0.3182

 7.5128, 0.3980,
0.2954

257.2660, 0.3389,
0.3189

 3.7848, 0.4196,
0.2865

308.9419, 0.3374,

 1.5539, 0.4557,

0.3195

0.2716

367.1121, 0.3360,
0.3200

0.3262, 0.6173,
0.2120

0.0000, 0.0000,
0.0000

62.0630, 0.3549,
0.3126

62.0630, 0.3549,
0.3126

51.1628, 0.3783,
0.3060

75.0047, 0.3358,
0.3192

42.2024, 0.4065,
0.2997

90.0890, 0.3204,
0.3255

35.0659, 0.4398,
0.2946

100.0000, 0.3127,
0.3290

29.6267, 0.4775,
0.2915

■ 25.7416, 0.5174,
0.2917

■ 23.2438, 0.5559,
0.2958

■ 21.9267, 0.5886,
0.3040

■ 21.6053, 0.5999,
0.3078

Harmonies

Analogous

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



62.0630, 0.3233, 0.2902



62.0630, 0.3549, 0.3126



62.0630, 0.3751, 0.3397

Triad

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



62.0630, 0.3549, 0.3126



62.0630, 0.3329, 0.3876



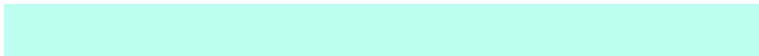
62.0630, 0.2517, 0.2882

Complementary

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



62.0630, 0.3549, 0.3126



88.5714, 0.2827, 0.3462

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.



62.0630, 0.2540, 0.3130



62.0630, 0.3549, 0.3126



62.0630, 0.2998, 0.3730

Square

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



62.0630, 0.3549, 0.3126



62.0630, 0.3616, 0.3840



62.0630, 0.2712, 0.3447



62.0630, 0.2645, 0.2758

Rectangle

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



62.0630, 0.3549, 0.3126



62.0630, 0.3788, 0.3576



62.0630, 0.2712, 0.3447



62.0630, 0.2508, 0.2953

Sweetspot

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



62.0619, 0.3549, 0.3126



86.7119, 0.3234, 0.3242



61.8785, 0.3033, 0.2618



18.0592, 0.3256, 0.3233



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.



62.0619, 0.3549, 0.3126



56.2356, 0.3663, 0.3092



68.8360, 0.3640, 0.3462



18.0592, 0.3256, 0.3233



11.3087, 0.5960, 0.3057



1.1174, 0.5647, 0.2884

Inverse Universe

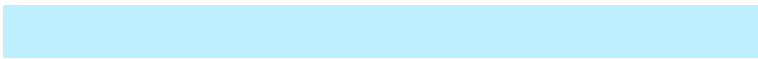
The Inverse Universe completely reimagines the original color for something new.



62.0619, 0.3549, 0.3126



56.2356, 0.3663, 0.3092



79.4792, 0.2730, 0.3111



18.0592, 0.3256, 0.3233



11.3087, 0.5960, 0.3057



1.1174, 0.5647, 0.2884

Previews

White Background



This preview shows how the Yxy color 62.0630, 0.3549, 0.3126 looks on a white background.

Color Contrast Check

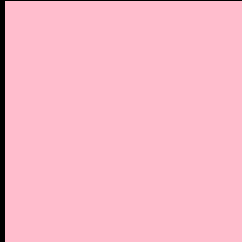
Large Text (above 18pt) WCAG AA × Fail

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 62.0630, 0.3549, 0.3126 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 62.0630, 0.3549, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 62.0630, 0.3549, 0.3126.

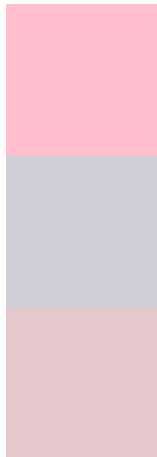


This preview shows how white text looks on a background with the Yxy color 62.0630, 0.3549, 0.3126.

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

62.0630, 0.3549, 0.3126

Protanopia

62.4588, 0.3079, 0.3187

Deuteranopia

62.1143, 0.3326, 0.3257



Tritanopia

62.0148, 0.3557, 0.3136

Trichromacy



Original Color

62.0630, 0.3549, 0.3126

Protanomaly

62.0193, 0.3242, 0.3169

Deuteranomaly

62.0166, 0.3405, 0.3204

Tritanomaly

62.0148, 0.3557, 0.3136

Monochromacy



Original Color

62.0630, 0.3549, 0.3126

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.6462, 0.3270, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0630, 0.3549, 0.3126 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 205) }
```

Border

The CSS property to change the border of an element to Yxy 62.0630, 0.3549, 0.3126 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, 205) }
```

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

```
.border{ border-color:rgb(255, 189, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0630, 0.3549, 0.3126 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
189, 205) }
```

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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