

Converting Colors

$Y_{xy}(62.6935, 0.3531, 0.3121)$

Have a look what the booklet for
Yxy(62.6935, 0.3531, 0.3121)
contains.

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Color

Yxy(62.5919, 0.3530, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	FFBECF
RGB	255, 190, 207
RGB Percent	100%, 75%, 81%
CMY	0.0001, 0.2548, 0.1882
CMYK	0.00, 0.25, 0.19, 0.00
HSL	344°, 100%, 87%
HSV	344°, 25%, 100%
XYZ	70.9080, 62.5919, 67.3727
YIQ	211.3730, 33.2830, 19.0670

Conversions

Conversions Part 2

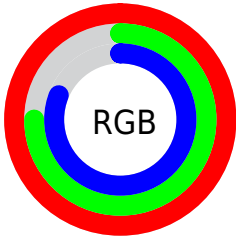
Format	Color
R_{YB}	255, 190, 207
Decimal	16760527
CIE Lab	83.23, 25.77, 0.65
CIE LCh	83, 25.782, 1.455
Yxy	62.5919, 0.3530, 0.3116
Android (android.graphics.Color)	4294950607 (0xFFFFBECF)
YUV	211.3730, -2.1559, 38.2609
Hunter-Lab	79.1150, 21.5319, 4.8904

Details

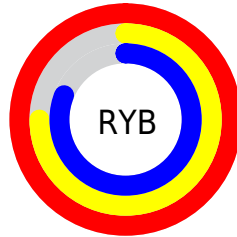
The Yxy color **62.5919, 0.3530, 0.3116** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.6254, 0.2838, 0.3472**, and the grayscale version is **65.3998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **31.7785, 0.3626, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **51.6308, 0.3755, 0.3044**, and if you desaturate by 10%, it is **75.6007, 0.3346, 0.3187**.

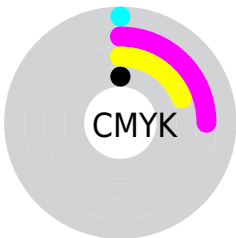
Distribution



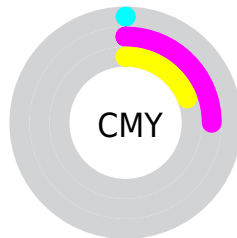
- Red (100%)
- Green (75%)
- Blue (81%)



- Red (100%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5919, 0.3530, 0.3116 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 62.5919, 0.3530, 0.3116 by changing the saturation by 10% instead.

 62.5919, 0.3530,
0.3116

 62.5919, 0.3530,
0.3116


434.0869, 0.3338,
0.3199

 45.5111, 0.3575,
0.3096


 108.5805, 0.3462,
0.3145

 31.8602, 0.3632,
0.3072


138.2572, 0.3436,
0.3157

 21.2548, 0.3704,
0.3040


172.9013, 0.3414,
0.3166

 13.3103, 0.3802,
0.2997

212.8972, 0.3395,
0.3175

 7.6426, 0.3938,
0.2937

258.6293, 0.3378,
0.3182

 3.8671, 0.4142,
0.2847


310.4820, 0.3363,

 1.5995, 0.4480,


0.3188


0.2697


368.8398, 0.3350,
0.3194

 0.3573, 0.5820,
0.2132

 0.0000, 0.0000,
0.0000

 62.5919, 0.3530,
0.3116


 62.5919, 0.3530,
0.3116

 51.6308, 0.3755,
0.3044


 75.6007, 0.3346,
0.3187

 42.6042, 0.4028,
0.2976

 90.7454, 0.3197,
0.3255

 35.4012, 0.4349,
0.2919

99.9950, 0.3127,
0.3290

 29.8960, 0.4714,
0.2884

■ 25.9468, 0.5103,
0.2881

■ 23.3884, 0.5483,
0.2920

■ 22.0171, 0.5813,
0.3002

■ 21.6560, 0.5940,
0.3046

Harmonies

Analogous

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



62.5919, 0.3215, 0.2898



62.5919, 0.3530, 0.3116



62.5919, 0.3737, 0.3383

Triad

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



62.5919, 0.3530, 0.3116



62.5919, 0.3342, 0.3870



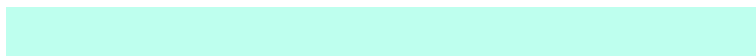
62.5919, 0.2522, 0.2897

Complementary

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



62.5919, 0.3530, 0.3116



88.6254, 0.2838, 0.3472

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.



62.5919, 0.2553, 0.3147



62.5919, 0.3530, 0.3116



62.5919, 0.3015, 0.3735

Square

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



62.5919, 0.3530, 0.3116



62.5919, 0.3620, 0.3827



62.5919, 0.2729, 0.3460



62.5919, 0.2642, 0.2767

Rectangle

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



62.5919, 0.3530, 0.3116



62.5919, 0.3779, 0.3560



62.5919, 0.2729, 0.3460



62.5919, 0.2516, 0.2969

Sweetspot

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



62.5948, 0.3530, 0.3116



86.7351, 0.3231, 0.3238



62.1703, 0.3027, 0.2628



18.0650, 0.3253, 0.3228



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.



62.5948, 0.3530, 0.3116



56.3045, 0.3649, 0.3076



68.7198, 0.3633, 0.3448



18.0650, 0.3253, 0.3228



11.3390, 0.5899, 0.3024



1.1210, 0.5583, 0.2849

Inverse Universe

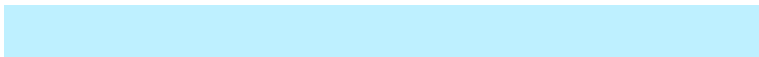
The Inverse Universe completely reimagines the original color for something new.



62.5948, 0.3530, 0.3116



56.3045, 0.3649, 0.3076



80.3805, 0.2737, 0.3126



18.0650, 0.3253, 0.3228



11.3390, 0.5899, 0.3024



1.1210, 0.5583, 0.2849

Previews

White Background



This preview shows how the Yxy color 62.5919, 0.3530, 0.3116 looks on a white background.

Color Contrast Check

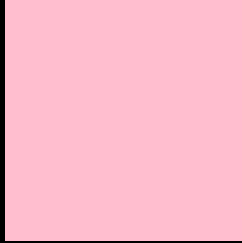
Large Text (above 18pt) WCAG AA × Fail

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 62.5919, 0.3530, 0.3116 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 62.5919, 0.3530, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 62.5919, 0.3530, 0.3116.



This preview shows how white text looks on a background with the Yxy color 62.5919, 0.3530, 0.3116.

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

62.5919, 0.3530, 0.3116

Protanopia

62.7077, 0.3073, 0.3165

Deuteranopia

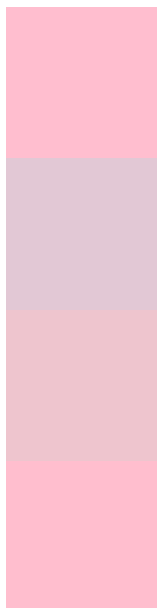
62.8391, 0.3318, 0.3246



Tritanopia

62.4947, 0.3547, 0.3136

Trichromacy



Original Color

62.5919, 0.3530, 0.3116

Protanomaly

62.2814, 0.3235, 0.3147

Deuteranomaly

62.5659, 0.3388, 0.3194

Tritanomaly

62.5431, 0.3538, 0.3126

Monochromacy



Original Color

62.5919, 0.3530, 0.3116

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 62.5919, 0.3530, 0.3116 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, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 207)  
}
```

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, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 207) }
```

Border

The CSS property to change the border of an element to Yxy 62.5919, 0.3530, 0.3116 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, 190, 207) }
```

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

```
.border{ border-color:rgb(255, 190, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 207); box-shadow:4px 4px 4px 4px rgb(255, 190, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5919, 0.3530, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 207) }
```

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

```
.background{ background-color: rgb(255,  
190, 207) }
```

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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