

Converting Colors

Yxy(60.9880, 0.3531, 0.3069)

Have a look what the booklet for
Yxy(60.9880, 0.3531, 0.3069)
contains.

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Color

Yxy(60.9319, 0.3529, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAD0
RGB	255, 186, 208
RGB Percent	100%, 73%, 82%
CMY	0.0001, 0.2705, 0.1842
CMYK	0.00, 0.27, 0.18, 0.00
HSL	341°, 100%, 86%
HSV	341°, 27%, 100%
XYZ	70.1791, 60.9319, 67.7529
YIQ	209.1390, 34.0620, 21.4700

Conversions

Conversions Part 2

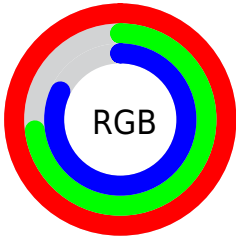
Format	Color
R _Y B	255, 186, 208
Decimal	16759504
CIE Lab	82.34, 28.03, -1.19
CIE LCh	82, 28.055, 357.566
Yxy	60.9319, 0.3529, 0.3064
Android (android.graphics.Color)	4294949584 (0xFFFFBAD0)
YUV	209.1390, -0.5615, 40.2201
Hunter-Lab	78.0589, 23.8779, 3.1792

Details

The Yxy color **60.9319, 0.3529, 0.3064** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.8251, 0.2842, 0.3530**, and the grayscale version is **63.8449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **30.7059, 0.3625, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **50.3236, 0.3742, 0.2977**, and if you desaturate by 10%, it is **73.5561, 0.3354, 0.3151**.

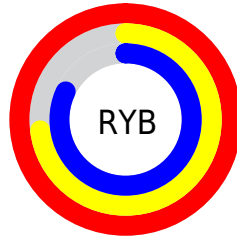
Distribution



Red (100%)

Green (73%)

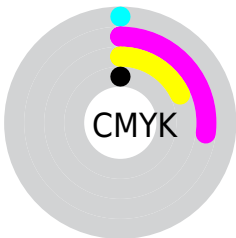
Blue (82%)



Red (100%)

Yellow (73%)

Blue (82%)

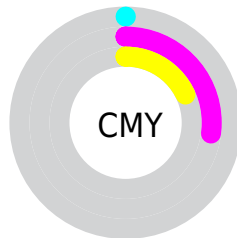


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9319, 0.3529, 0.3064 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 60.9319, 0.3529, 0.3064 by changing the saturation by 10% instead.


 60.9319, 0.3529,
0.3064

 60.9319, 0.3529,
0.3064


428.0243, 0.3337,
0.3171

 44.1702, 0.3574,
0.3039


 106.1803, 0.3461,
0.3102

 30.8043, 0.3631,
0.3007

135.4359, 0.3435,
0.3116

 20.4499, 0.3704,
0.2967


169.6248, 0.3413,
0.3129

 12.7225, 0.3801,
0.2913

209.1315, 0.3394,
0.3140

 7.2377, 0.3938,
0.2838

254.3404, 0.3377,
0.3149

 3.6112, 0.4144,
0.2725

305.6359, 0.3362,

 1.4586, 0.4487,

0.3157

0.2540

363.4024, 0.3349,
0.3165

0.2593, 0.5991,
0.1663

0.0000, 0.0000,
0.0000

60.9319, 0.3529,
0.3064

60.9319, 0.3529,
0.3064

50.3236, 0.3742,
0.2977

73.5561, 0.3354,
0.3151

41.6178, 0.3997,
0.2894

88.2849, 0.3211,
0.3234

34.7029, 0.4296,
0.2826

99.9949, 0.3127,
0.3290

29.4518, 0.4632,
0.2782

■ 25.7209, 0.4990,
0.2776

■ 23.3413, 0.5343,
0.2818

■ 22.0987, 0.5658,
0.2907

■ 21.8548, 0.5742,
0.2937

Harmonies

Analogous

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



60.9319, 0.3175, 0.2838



60.9319, 0.3529, 0.3064



60.9319, 0.3778, 0.3350

Triad

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



60.9319, 0.3529, 0.3064



60.9319, 0.3405, 0.3933



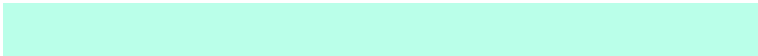
60.9319, 0.2462, 0.2886

Complementary

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



60.9319, 0.3529, 0.3064



87.8251, 0.2842, 0.3530

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.



60.9319, 0.2516, 0.3173



60.9319, 0.3529, 0.3064



60.9319, 0.3049, 0.3811

Square

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



60.9319, 0.3529, 0.3064



60.9319, 0.3698, 0.3858



60.9319, 0.2726, 0.3521



60.9319, 0.2571, 0.2728

Rectangle

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



60.9319, 0.3529, 0.3064



60.9319, 0.3842, 0.3546



60.9319, 0.2726, 0.3521



60.9319, 0.2461, 0.2970

Sweetspot

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



60.9347, 0.3529, 0.3064



86.8054, 0.3224, 0.3227



59.4964, 0.2984, 0.2578



18.0826, 0.3244, 0.3214



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.



60.9347, 0.3529, 0.3064



55.4451, 0.3629, 0.3021



64.9646, 0.3685, 0.3411



18.0826, 0.3244, 0.3214



11.4462, 0.5699, 0.2913



1.1334, 0.5380, 0.2737

Inverse Universe

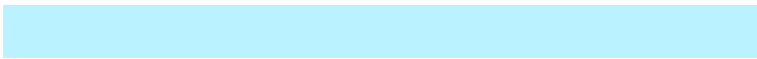
The Inverse Universe completely reimagines the original color for something new.



60.9347, 0.3529, 0.3064



55.4451, 0.3629, 0.3021



82.0484, 0.2719, 0.3165



18.0826, 0.3244, 0.3214



11.4462, 0.5699, 0.2913



1.1334, 0.5380, 0.2737

Previews

White Background



This preview shows how the Yxy color 60.9319, 0.3529, 0.3064 looks on a white background.

Color Contrast Check

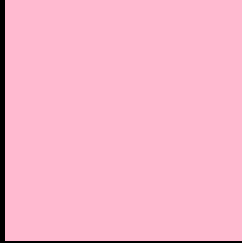
Large Text (above 18pt) WCAG AA × Fail

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 60.9319, 0.3529, 0.3064 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 60.9319, 0.3529, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 60.9319, 0.3529, 0.3064.



This preview shows how white text looks on a background with the Yxy color 60.9319, 0.3529, 0.3064.

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

60.9319, 0.3529, 0.3064

Protanopia

61.2793, 0.3030, 0.3118

Deuteranopia

61.3106, 0.3281, 0.3212



Tritanopia

60.8285, 0.3578, 0.3146

Trichromacy



Original Color

60.9319, 0.3529, 0.3064



Protanomaly

60.5268, 0.3199, 0.3090



Deuteranomaly

60.9214, 0.3368, 0.3150



Tritanomaly

60.9711, 0.3553, 0.3115

Monochromacy



Original Color

60.9319, 0.3529, 0.3064



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.5455, 0.3264, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9319, 0.3529, 0.3064 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, 186, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 208)  
}
```

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, 186, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 208) }
```

Border

The CSS property to change the border of an element to Yxy 60.9319, 0.3529, 0.3064 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, 186, 208) }
```

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

```
.border{ border-color:rgb(255, 186, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9319, 0.3529, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 208) }
```

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

```
.background{ background-color: rgb(255,  
186, 208) }
```

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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