

Converting Colors

$Yxy(61.9305, 0.3553, 0.3075)$

Have a look what the booklet for
Yxy(61.9305, 0.3553, 0.3075)
contains.

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Color

Yxy(61.3547, 0.3528, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBD0
RGB	255, 187, 208
RGB Percent	100%, 73%, 82%
CMY	0.0000, 0.2666, 0.1845
CMYK	0.00, 0.27, 0.18, 0.00
HSL	342°, 100%, 87%
HSV	342°, 27%, 100%
XYZ	70.3933, 61.3547, 67.7795
YIQ	209.7260, 33.7870, 20.9470

Conversions

Conversions Part 2

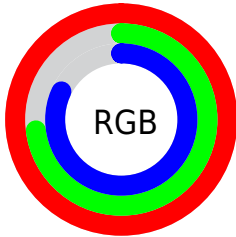
Format	Color
R _Y B	255, 187, 208
Decimal	16759760
CIE Lab	82.57, 27.51, -0.82
CIE LCh	83, 27.523, 358.288
Yxy	61.3547, 0.3528, 0.3075
Android (android.graphics.Color)	4294949840 (0xFFFFBBD0)
YUV	209.7260, -0.8509, 39.7053
Hunter-Lab	78.3292, 23.3391, 3.5259

Details

The Yxy color **61.3547, 0.3528, 0.3075** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0291, 0.2842, 0.3517**, and the grayscale version is **64.2480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **30.9785, 0.3623, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **50.6591, 0.3743, 0.2991**, and if you desaturate by 10%, it is **74.0704, 0.3351, 0.3159**.

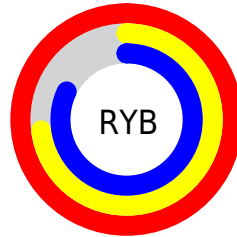
Distribution



Red (100%)

Green (73%)

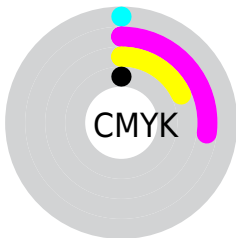
Blue (82%)



Red (100%)

Yellow (73%)

Blue (82%)

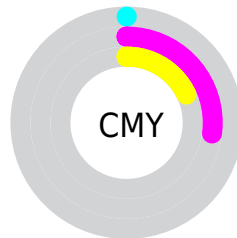


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3547, 0.3528, 0.3075 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 61.3547, 0.3528, 0.3075 by changing the saturation by 10% instead.

 61.3547, 0.3528,
0.3075

 61.3547, 0.3528,
0.3075

429.5733, 0.3337,
0.3177

 44.5115, 0.3573,
0.3051


 106.7923, 0.3461,
0.3111

 31.0728, 0.3629,
0.3021


136.1556, 0.3435,
0.3125

 20.6543, 0.3702,
0.2982


170.4609, 0.3413,
0.3137

 12.8715, 0.3799,
0.2931

210.0928, 0.3393,
0.3147

 7.3402, 0.3936,
0.2859

255.4356, 0.3377,
0.3156

 3.6757, 0.4140,
0.2751


306.8737, 0.3362,

 1.4939, 0.4480,

0.3164

0.2574


364.7914, 0.3349,
0.3171


 0.2844, 0.5921,
0.1780

 0.0000, 0.0000,
0.0000


 61.3547, 0.3528,
0.3075


 61.3547, 0.3528,
0.3075

 50.6591, 0.3743,
0.2991


 74.0704, 0.3351,
0.3159

 41.8750, 0.4001,
0.2911

 88.8994, 0.3208,
0.3239

 34.8894, 0.4304,
0.2845

100.0000, 0.3127,
0.3290

 29.5755, 0.4646,
0.2802

■ 25.7903, 0.5010,
0.2796

■ 23.3659, 0.5369,
0.2837

■ 22.0920, 0.5687,
0.2925

■ 21.8183, 0.5782,
0.2959

Harmonies

Analogous

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



61.3547, 0.3183, 0.2851



61.3547, 0.3528, 0.3075



61.3547, 0.3768, 0.3356

Triad

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



61.3547, 0.3528, 0.3075



61.3547, 0.3392, 0.3919



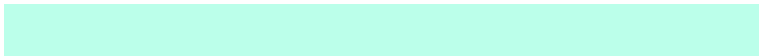
61.3547, 0.2476, 0.2890

Complementary

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



61.3547, 0.3528, 0.3075



88.0291, 0.2842, 0.3517

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.



61.3547, 0.2525, 0.3168



61.3547, 0.3528, 0.3075



61.3547, 0.3042, 0.3794

Square

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



61.3547, 0.3528, 0.3075



61.3547, 0.3681, 0.3851



61.3547, 0.2728, 0.3508



61.3547, 0.2587, 0.2738

Rectangle

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



61.3547, 0.3528, 0.3075



61.3547, 0.3827, 0.3548



61.3547, 0.2728, 0.3508



61.3547, 0.2474, 0.2971

Sweetspot

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



61.3560, 0.3528, 0.3075



86.7919, 0.3225, 0.3229



60.1667, 0.2995, 0.2590



18.0792, 0.3246, 0.3217



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.



61.3560, 0.3528, 0.3075



55.4031, 0.3637, 0.3030



65.9131, 0.3672, 0.3421



18.0792, 0.3246, 0.3217



11.4239, 0.5740, 0.2935



1.1309, 0.5419, 0.2759

Inverse Universe

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



61.3560, 0.3528, 0.3075



55.4031, 0.3637, 0.3030



81.6088, 0.2723, 0.3154



18.0792, 0.3246, 0.3217



11.4239, 0.5740, 0.2935



1.1309, 0.5419, 0.2759

Previews

White Background



This preview shows how the Yxy color 61.3547, 0.3528, 0.3075 looks on a white background.

Color Contrast Check

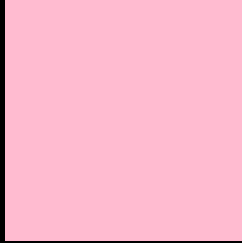
Large Text (above 18pt) WCAG AA × Fail

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 61.3547, 0.3528, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

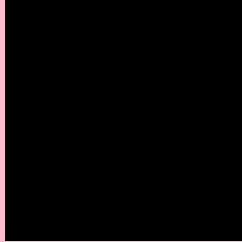
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3547, 0.3528, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 61.3547, 0.3528, 0.3075.

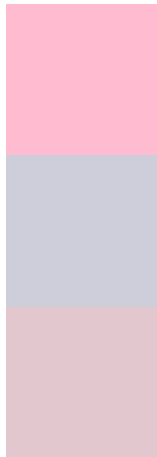


This preview shows how white text looks on a background with the Yxy color 61.3547, 0.3528, 0.3075.

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

61.3547, 0.3528, 0.3075

Protanopia

61.8464, 0.3044, 0.3141

Deuteranopia

61.4718, 0.3289, 0.3213



Tritanopia

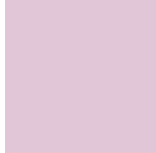
61.3015, 0.3567, 0.3146

Trichromacy



Original Color

61.3547, 0.3528, 0.3075



Protanomaly

61.0905, 0.3214, 0.3113



Deuteranomaly

61.5397, 0.3375, 0.3161



Tritanomaly

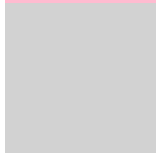
61.3969, 0.3551, 0.3125

Monochromacy



Original Color

61.3547, 0.3528, 0.3075



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

63.0133, 0.3263, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3547, 0.3528, 0.3075 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, 187, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 208) }
```

Border

The CSS property to change the border of an element to Yxy 61.3547, 0.3528, 0.3075 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, 187, 208) }
```

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

```
.border{ border-color:rgb(255, 187, 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, 187, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3547, 0.3528, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 208) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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