

Converting Colors

$Yxy(69.0549, 0.3886, 0.3053)$

Have a look what the booklet for
Yxy(69.0549, 0.3886, 0.3053)
contains.

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Color

Yxy(59.7304, 0.3527, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7D1
RGB	255, 183, 209
RGB Percent	100%, 72%, 82%
CMY	0.0000, 0.2824, 0.1805
CMYK	0.00, 0.28, 0.18, 0.00
HSL	338°, 100%, 86%
HSV	338°, 28%, 100%
XYZ	69.6888, 59.7304, 68.1673
YIQ	207.4920, 34.5660, 23.3500

Conversions

Conversions Part 2

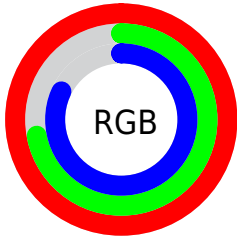
Format	Color
R _Y B	255, 183, 209
Decimal	16758737
CIE Lab	81.69, 29.78, -2.66
CIE LCh	82, 29.898, 354.894
Yxy	59.7304, 0.3527, 0.3023
Android (android.graphics.Color)	4294948817 (0xFFFFB7D1)
YUV	207.4920, 0.7434, 41.6645
Hunter-Lab	77.2854, 25.7050, 1.8048

Details

The Yxy color $59.7304, 0.3527, 0.3023$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87.2442, 0.2846, 0.3576$, and the grayscale version is $62.7047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $29.9374, 0.3622, 0.2947$ is the 20% darker color. If you saturate the color by 10%, you get $49.3779, 0.3730, 0.2925$, and if you desaturate by 10%, it is $72.0647, 0.3359, 0.3121$.

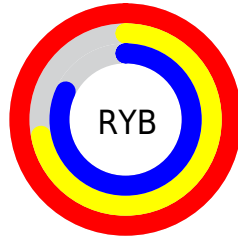
Distribution



Red (100%)

Green (72%)

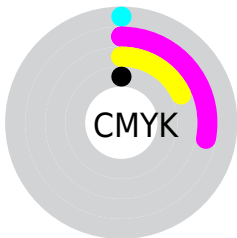
Blue (82%)



Red (100%)

Yellow (72%)

Blue (82%)

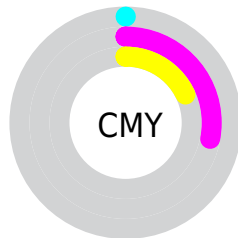


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7304, 0.3527, 0.3023 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 59.7304, 0.3527, 0.3023 by changing the saturation by 10% instead.


 59.7304, 0.3527,
0.3023

 59.7304, 0.3527,
0.3023


423.6033, 0.3336,
0.3149

 43.2014, 0.3572,
0.2993


 104.4385, 0.3460,
0.3067

 30.0431, 0.3628,
0.2957


133.3863, 0.3434,
0.3084

 19.8713, 0.3701,
0.2909


167.2425, 0.3412,
0.3099

 12.3016, 0.3799,
0.2847

206.3915, 0.3393,
0.3112

 6.9494, 0.3935,
0.2759

251.2177, 0.3376,
0.3123

 3.4305, 0.4141,
0.2630


302.1055, 0.3361,

 1.3604, 0.4484,

0.3133

0.2418


359.4392, 0.3348,
0.3142

 0.1873, 0.6110,
0.1262


 0.0000, 0.0000,
0.0000


 59.7304, 0.3527,
0.3023


 59.7304, 0.3527,
0.3023

 49.3779, 0.3730,
0.2925


 72.0647, 0.3359,
0.3121

 40.9112, 0.3972,
0.2833

 86.4877, 0.3221,
0.3216

 34.2117, 0.4253,
0.2756

100.0000, 0.3127,
0.3290

 29.1516, 0.4569,
0.2707

■ 25.5851, 0.4903,
0.2698

■ 23.3406, 0.5234,
0.2740

■ 22.1823, 0.5534,
0.2832

■ 22.0335, 0.5584,
0.2850

Harmonies

Analogous

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



59.7304, 0.3142, 0.2791



59.7304, 0.3527, 0.3023



59.7304, 0.3810, 0.3324

Triad

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



59.7304, 0.3527, 0.3023



59.7304, 0.3456, 0.3983



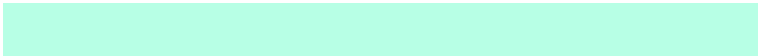
59.7304, 0.2414, 0.2878

Complementary

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



59.7304, 0.3527, 0.3023



87.2442, 0.2846, 0.3576

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.



59.7304, 0.2487, 0.3195



59.7304, 0.3527, 0.3023



59.7304, 0.3076, 0.3872

Square

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



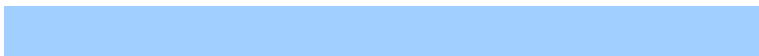
59.7304, 0.3527, 0.3023



59.7304, 0.3760, 0.3882



59.7304, 0.2723, 0.3570



59.7304, 0.2516, 0.2698

Rectangle

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



59.7304, 0.3527, 0.3023



59.7304, 0.3891, 0.3534



59.7304, 0.2723, 0.3570



59.7304, 0.2419, 0.2971

Sweetspot

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



59.7273, 0.3527, 0.3023



86.8565, 0.3218, 0.3218



57.6765, 0.2958, 0.2540



18.0954, 0.3237, 0.3204



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.



59.7273, 0.3527, 0.3023



53.5274, 0.3639, 0.2966



62.6397, 0.3724, 0.3392



18.0954, 0.3237, 0.3204



11.5389, 0.5541, 0.2826



1.1435, 0.5228, 0.2653

Inverse Universe

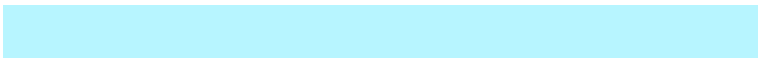
The Inverse Universe completely reimagines the original color for something new.



59.7273, 0.3527, 0.3023



53.5274, 0.3639, 0.2966



82.8332, 0.2705, 0.3185



18.0954, 0.3237, 0.3204



11.5389, 0.5541, 0.2826



1.1435, 0.5228, 0.2653

Previews

White Background



This preview shows how the Yxy color 59.7304, 0.3527, 0.3023 looks on a white background.

Color Contrast Check

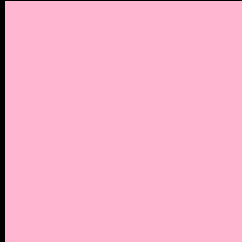
Large Text (above 18pt) WCAG AA × Fail

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 59.7304, 0.3527, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

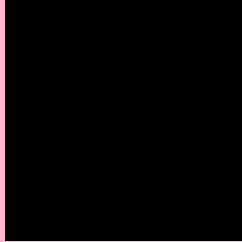
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7304, 0.3527, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 59.7304, 0.3527, 0.3023.



This preview shows how white text looks on a background with the Yxy color 59.7304, 0.3527, 0.3023.

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

59.7304, 0.3527, 0.3023

Protanopia

59.9649, 0.3001, 0.3082

Deuteranopia

59.9183, 0.3259, 0.3189



Tritanopia

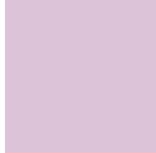
59.8923, 0.3599, 0.3146

Trichromacy



Original Color

59.7304, 0.3527, 0.3023



Protanomaly

59.3602, 0.3178, 0.3056



Deuteranomaly

59.6967, 0.3354, 0.3127



Tritanomaly

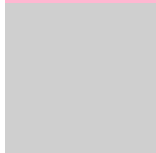
59.6636, 0.3567, 0.3094

Monochromacy



Original Color

59.7304, 0.3527, 0.3023



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.7895, 0.3259, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7304, 0.3527, 0.3023 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, 183, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 209)  
}
```

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, 183, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 209) }
```

Border

The CSS property to change the border of an element to Yxy 59.7304, 0.3527, 0.3023 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, 183, 209) }
```

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

```
.border{ border-color:rgb(255, 183, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7304, 0.3527, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 209) }
```

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

```
.background{ background-color: rgb(255,  
183, 209) }
```

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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