

Converting Colors

Yxy(61.3332, 0.3627, 0.3032)

Have a look what the booklet for
Yxy(61.3332, 0.3627, 0.3032)
contains.

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Color

Yxy(59.2700, 0.3537, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6D0
RGB	255, 182, 208
RGB Percent	100%, 71%, 82%
CMY	0.0000, 0.2862, 0.1844
CMYK	0.00, 0.29, 0.18, 0.00
HSL	339°, 100%, 86%
HSV	339°, 29%, 100%
XYZ	69.3477, 59.2700, 67.4458
YIQ	206.7910, 35.1620, 23.5620

Conversions

Conversions Part 2

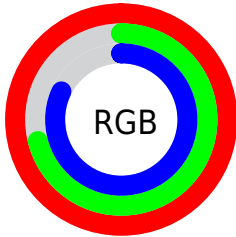
Format	Color
R _Y B	255, 182, 208
Decimal	16758480
CIE Lab	81.44, 30.13, -2.49
CIE LCh	81, 30.230, 355.277
Yxy	59.2700, 0.3537, 0.3023
Android (android.graphics.Color)	4294948560 (0xFFFFB6D0)
YUV	206.7910, 0.5960, 42.2793
Hunter-Lab	76.9870, 26.0603, 1.9488

Details

The Yxy color **59.2700, 0.3537, 0.3023** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.1179, 0.2840, 0.3576**, and the grayscale version is **62.2355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **29.6418, 0.3637, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **48.9942, 0.3743, 0.2926**, and if you desaturate by 10%, it is **71.5365, 0.3366, 0.3120**.

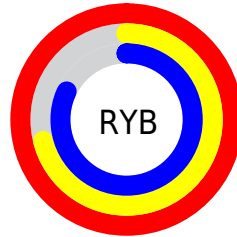
Distribution



Red (100%)

Green (71%)

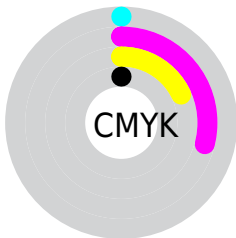
Blue (82%)



Red (100%)

Yellow (71%)

Blue (82%)

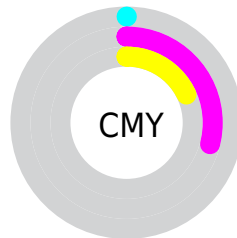


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2700, 0.3537, 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 59.2700, 0.3537, 0.3023 by changing the saturation by 10% instead.

 59.2700, 0.3537,
0.3023

 59.2700, 0.3537,
0.3023


421.9018, 0.3341,
0.3150

 42.8305, 0.3583,
0.2993


 103.7700, 0.3468,
0.3068

 29.7522, 0.3641,
0.2956


132.5993, 0.3441,
0.3085

 19.6505, 0.3716,
0.2909


166.3272, 0.3419,
0.3099

 12.1413, 0.3817,
0.2845

205.3383, 0.3399,
0.3112

 6.8400, 0.3958,
0.2757

250.0170, 0.3382,
0.3123

 3.3622, 0.4171,
0.2626


300.7475, 0.3367,

 1.3236, 0.4527,

0.3133


0.2411

357.9143, 0.3353,
0.3142


 0.1594, 0.6365,
0.1143


 0.0000, 0.0000,
0.0000


 59.2700, 0.3537,
0.3023


 59.2700, 0.3537,
0.3023

 48.9942, 0.3743,
0.2926


 71.5365, 0.3366,
0.3120

 40.5951, 0.3989,
0.2836

 85.8834, 0.3227,
0.3214

 33.9597, 0.4275,
0.2761

99.9978, 0.3127,
0.3290

 28.9592, 0.4594,
0.2715

■ 25.4473, 0.4932,
0.2709

■ 23.2509, 0.5265,
0.2753

■ 22.1246, 0.5565,
0.2847

■ 22.0085, 0.5604,
0.2861

Harmonies

Analogous

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



59.2700, 0.3147, 0.2787



59.2700, 0.3537, 0.3023



59.2700, 0.3822, 0.3328

Triad

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



59.2700, 0.3537, 0.3023



59.2700, 0.3456, 0.3993



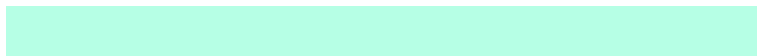
59.2700, 0.2405, 0.2869

Complementary

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



59.2700, 0.3537, 0.3023



87.1179, 0.2840, 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.



59.2700, 0.2477, 0.3188



59.2700, 0.3537, 0.3023



59.2700, 0.3070, 0.3878

Square

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



59.2700, 0.3537, 0.3023



59.2700, 0.3766, 0.3892



59.2700, 0.2714, 0.3570



59.2700, 0.2510, 0.2688

Rectangle

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



59.2700, 0.3537, 0.3023



59.2700, 0.3903, 0.3540



59.2700, 0.2714, 0.3570



59.2700, 0.2409, 0.2963

Sweetspot

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



59.2727, 0.3537, 0.3023



85.3055, 0.3232, 0.3210



57.2130, 0.2956, 0.2530



17.7861, 0.3250, 0.3197



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.



59.2727, 0.3537, 0.3023



53.5066, 0.3643, 0.2971



62.2229, 0.3734, 0.3393



18.0938, 0.3238, 0.3206



11.5268, 0.5561, 0.2837



1.1422, 0.5247, 0.2664

Inverse Universe

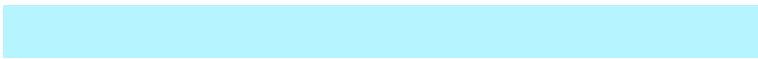
The Inverse Universe completely reimagines the original color for something new.



59.2727, 0.3537, 0.3023



53.5066, 0.3643, 0.2971



82.6275, 0.2700, 0.3183



18.0938, 0.3238, 0.3206



11.5268, 0.5561, 0.2837



1.1422, 0.5247, 0.2664

Previews

White Background



This preview shows how the Yxy color 59.2700, 0.3537, 0.3023 looks on a white background.

Color Contrast Check

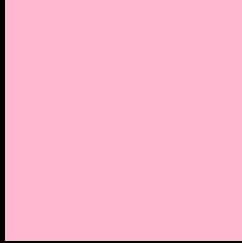
Large Text (above 18pt) WCAG AA × Fail

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 59.2700, 0.3537, 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 59.2700, 0.3537, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 59.2700, 0.3537, 0.3023.



This preview shows how white text looks on a background with the Yxy color 59.2700, 0.3537, 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

59.2700, 0.3537, 0.3023

Protanopia

59.3581, 0.2994, 0.3070

Deuteranopia

59.2598, 0.3260, 0.3189



Tritanopia

59.4290, 0.3610, 0.3145

Trichromacy



Original Color

59.2700, 0.3537, 0.3023



Protanomaly

58.9136, 0.3178, 0.3044



Deuteranomaly

59.0415, 0.3356, 0.3126



Tritanomaly

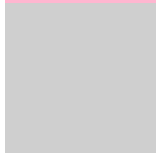
59.2021, 0.3578, 0.3094

Monochromacy



Original Color

59.2700, 0.3537, 0.3023



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.7405, 0.3266, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2700, 0.3537, 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, 182, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 208) }
```

Border

The CSS property to change the border of an element to Yxy 59.2700, 0.3537, 0.3023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

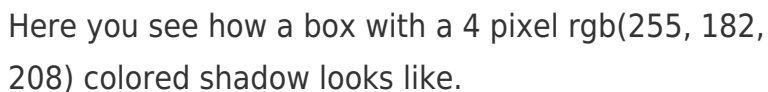
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 182, 208) }
```

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

```
.border{ border-color:rgb(255, 182, 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, 182, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 182, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 182, 208); box-shadow:4px 4px 4px 4px rgb(255, 182, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2700, 0.3537, 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, 182, 208) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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