

Converting Colors

$Y_{xy}(59.1200, 0.3529, 0.3007)$

Have a look what the booklet for
Yxy(59.1200, 0.3529, 0.3007)
contains.

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Color

Yxy(59.3193, 0.3528, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6D1
RGB	255, 182, 209
RGB Percent	100%, 71%, 82%
CMY	0.0002, 0.2861, 0.1805
CMYK	0.00, 0.29, 0.18, 0.00
HSL	338°, 100%, 86%
HSV	338°, 29%, 100%
XYZ	69.4585, 59.3193, 68.1001
YIQ	206.9050, 34.8410, 23.8730

Conversions

Conversions Part 2

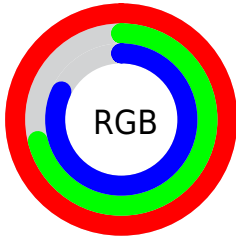
Format	Color
R _Y B	255, 182, 209
Decimal	16758481
CIE _{Lab}	81.47, 30.25, -2.99
CIE _{LCh}	81, 30.398, 354.352
Yxy	59.3193, 0.3528, 0.3013
Android (android.graphics.Color)	4294948561 (0xFFFFB6D1)
YUV	206.9050, 1.0328, 42.1793
Hunter-Lab	77.0190, 26.1944, 1.4892

Details

The Yxy color **59.3193, 0.3528, 0.3013** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.0325, 0.2846, 0.3587**, and the grayscale version is **62.3091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **29.6752, 0.3625, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **49.0544, 0.3729, 0.2912**, and if you desaturate by 10%, it is **71.5709, 0.3361, 0.3114**.

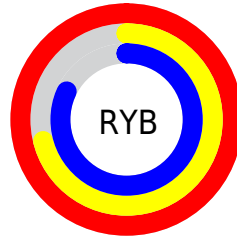
Distribution



Red (100%)

Green (71%)

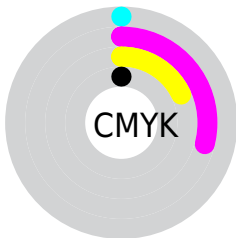
Blue (82%)



Red (100%)

Yellow (71%)

Blue (82%)

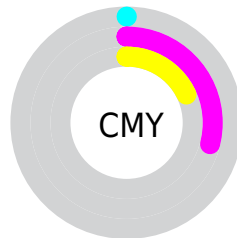


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3193, 0.3528, 0.3013 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 59.3193, 0.3528, 0.3013 by changing the saturation by 10% instead.


 59.3193, 0.3528,
0.3013

 59.3193, 0.3528,
0.3013


422.0842, 0.3337,
0.3144

 42.8702, 0.3573,
0.2982


 103.8416, 0.3460,
0.3059

 29.7833, 0.3630,
0.2944


132.6836, 0.3434,
0.3077

 19.6742, 0.3703,
0.2895

166.4253, 0.3412,
0.3092

 12.1584, 0.3801,
0.2830

205.4512, 0.3393,
0.3105

 6.8517, 0.3938,
0.2740

250.1456, 0.3376,
0.3117

 3.3695, 0.4145,
0.2605


300.8930, 0.3362,

 1.3275, 0.4490,


0.3127


0.2387


358.0777, 0.3348,
0.3136


 0.1624, 0.6198,
0.1126


 0.0000, 0.0000,
0.0000

 59.3193, 0.3528,
0.3013


 59.3193, 0.3528,
0.3013

 49.0544, 0.3729,
0.2912


 71.5709, 0.3361,
0.3114

 40.6623, 0.3969,
0.2819

 85.8985, 0.3225,
0.3211

 34.0303, 0.4247,
0.2741

99.9887, 0.3127,
0.3290

 29.0300, 0.4558,
0.2691

■ 25.5153, 0.4888,
0.2682

■ 23.3134, 0.5214,
0.2724

■ 22.1800, 0.5510,
0.2816

■ 22.0612, 0.5549,
0.2831

Harmonies

Analogous

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



59.3193, 0.3135, 0.2779



59.3193, 0.3528, 0.3013



59.3193, 0.3819, 0.3318

Triad

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



59.3193, 0.3528, 0.3013



59.3193, 0.3468, 0.3996



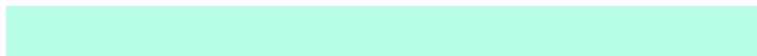
59.3193, 0.2401, 0.2875

Complementary

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



59.3193, 0.3528, 0.3013



87.0325, 0.2846, 0.3587

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.



59.3193, 0.2478, 0.3199



59.3193, 0.3528, 0.3013



59.3193, 0.3081, 0.3888

Square

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



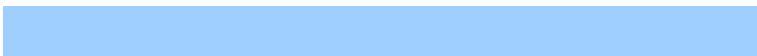
59.3193, 0.3528, 0.3013



59.3193, 0.3776, 0.3889



59.3193, 0.2721, 0.3583



59.3193, 0.2501, 0.2689

Rectangle

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



59.3193, 0.3528, 0.3013



59.3193, 0.3905, 0.3532



59.3193, 0.2721, 0.3583



59.3193, 0.2407, 0.2970

Sweetspot

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



59.3220, 0.3528, 0.3013



85.3244, 0.3230, 0.3207



57.0166, 0.2947, 0.2528



17.7908, 0.3248, 0.3193



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.



59.3220, 0.3528, 0.3013



53.5626, 0.3632, 0.2958



61.6895, 0.3737, 0.3381



18.0981, 0.3236, 0.3202



11.5598, 0.5506, 0.2807



1.1458, 0.5196, 0.2636

Inverse Universe

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



59.3220, 0.3528, 0.3013



53.5626, 0.3632, 0.2958



83.3421, 0.2701, 0.3197



18.0981, 0.3236, 0.3202



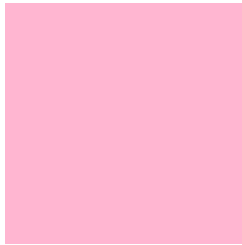
11.5598, 0.5506, 0.2807



1.1458, 0.5196, 0.2636

Previews

White Background



This preview shows how the Yxy color 59.3193, 0.3528, 0.3013 looks on a white background.

Color Contrast Check

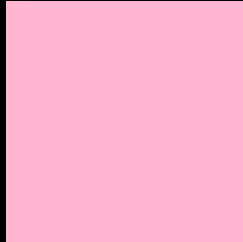
Large Text (above 18pt) WCAG AA × Fail

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 59.3193, 0.3528, 0.3013 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 59.3193, 0.3528, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 59.3193, 0.3528, 0.3013.



This preview shows how white text looks on a background with the Yxy color 59.3193, 0.3528, 0.3013.

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

59.3193, 0.3528, 0.3013

Protanopia

59.4113, 0.2987, 0.3058

Deuteranopia

59.3082, 0.3252, 0.3178



Tritanopia

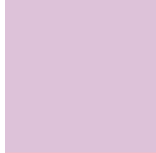
59.4290, 0.3610, 0.3145

Trichromacy



Original Color

59.3193, 0.3528, 0.3013



Protanomaly

58.9655, 0.3171, 0.3034



Deuteranomaly

59.0902, 0.3348, 0.3115



Tritanomaly

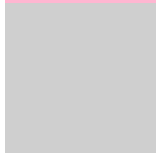
59.2021, 0.3578, 0.3094

Monochromacy



Original Color

59.3193, 0.3528, 0.3013



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 59.3193, 0.3528, 0.3013 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 209) }
```

Border

The CSS property to change the border of an element to Yxy 59.3193, 0.3528, 0.3013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

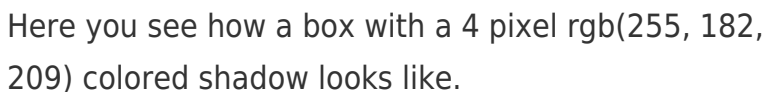
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 182, 209) }
```

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

```
.border{ border-color:rgb(255, 182, 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, 182, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3193, 0.3528, 0.3013 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, 209) }
```

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

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