

Converting Colors

$Yxy(53.4903, 0.3734, 0.3087)$

Have a look what the booklet for
Yxy(53.4903, 0.3734, 0.3087)
contains.

| | |
|---|----|
| Yxy(53.3101, 0.3736, 0.3082) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(53.3101, 0.3736, 0.3082)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA9BD |
| RGB | 255, 169, 189 |
| RGB Percent | 100%, 66%, 74% |
| CMY | 0.0000, 0.3373, 0.2587 |
| CMYK | 0.00, 0.34, 0.26, 0.00 |
| HSL | 346°, 100%, 83% |
| HSV | 346°, 34%, 100% |
| XYZ | 64.6225, 53.3101, 55.0398 |
| YIQ | 196.9940, 44.8360, 24.4520 |

Conversions

Conversions Part 2

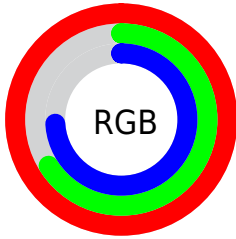
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 169, 189 |
| Decimal | 16755133 |
| CIE Lab | 78.06, 34.24, 2.85 |
| CIE LCh | 78, 34.359, 4.756 |
| Yxy | 53.3101, 0.3736, 0.3082 |
| Android (android.graphics.Color) | 4294945213 (0xFFFFA9BD) |
| YUV | 196.9940, -3.9410, 50.8713 |
| Hunter-Lab | 73.0138, 30.2114, 6.4152 |

Details

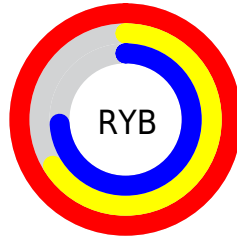
The Yxy color **53.3101, 0.3736, 0.3082** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9503, 0.2743, 0.3513**, and the grayscale version is **55.8320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7030, 0.3206, 0.3094**, and **26.1387, 0.3902, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **43.9344, 0.4011, 0.3021**, and if you desaturate by 10%, it is **64.6450, 0.3509, 0.3146**.

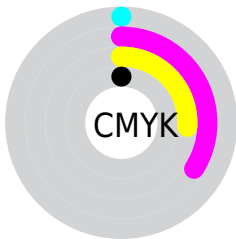
Distribution



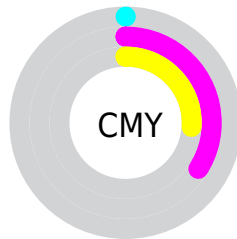
- Red (100%)
- Green (66%)
- Blue (74%)



- Red (100%)
- Yellow (66%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3101, 0.3736, 0.3082 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 53.3101, 0.3736, 0.3082 by changing the saturation by 10% instead.


 53.3101, 0.3736,
0.3082

 53.3101, 0.3736,
0.3082


399.4737, 0.3437,
0.3186

 38.0504, 0.3809,
0.3056


 95.0605, 0.3629,
0.3120

 26.0218, 0.3901,
0.3023


122.3200, 0.3588,
0.3134

 16.8399, 0.4021,
0.2979


154.3482, 0.3554,
0.3146

 10.1204, 0.4186,
0.2919

191.5295, 0.3524,
0.3156

 5.4789, 0.4423,
0.2830

234.2483, 0.3498,
0.3165

 2.5309, 0.4791,
0.2688

282.8890, 0.3475,

 0.8921, 0.5453,

0.3173

0.2437

337.8360, 0.3455,
0.3180

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3101, 0.3736,
0.3082

53.3101, 0.3736,
0.3082

43.9344, 0.4011,
0.3021

64.6450, 0.3509,
0.3146

36.4134, 0.4338,
0.2969

78.0508, 0.3324,
0.3209

30.6203, 0.4712,
0.2935

93.6209, 0.3175,
0.3269

26.4160, 0.5113,
0.2930

100.0000, 0.3127,
0.3290

■ 23.6391, 0.5509,
0.2963

■ 22.0937, 0.5852,
0.3036

■ 21.5798, 0.6026,
0.3093

Harmonies

Analogous

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



53.3101, 0.3297, 0.2780



53.3101, 0.3736, 0.3082



53.3101, 0.4006, 0.3445

Triad

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



53.3101, 0.3736, 0.3082



53.3101, 0.3368, 0.4111



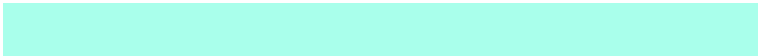
53.3101, 0.2304, 0.2707

Complementary

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



53.3101, 0.3736, 0.3082



85.9503, 0.2743, 0.3513

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.



53.3101, 0.2321, 0.3032



53.3101, 0.3736, 0.3082



53.3101, 0.2914, 0.3894

Square

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



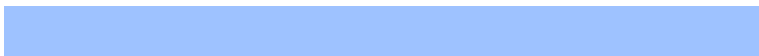
53.3101, 0.3736, 0.3082



53.3101, 0.3775, 0.4057



53.3101, 0.2536, 0.3476



53.3101, 0.2486, 0.2561

Rectangle

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



53.3101, 0.3736, 0.3082



53.3101, 0.4043, 0.3686



53.3101, 0.2536, 0.3476



53.3101, 0.2287, 0.2797

Sweetspot

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



53.3074, 0.3736, 0.3082



83.5993, 0.3265, 0.3232



53.2428, 0.3007, 0.2408



17.4385, 0.3287, 0.3223



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.



53.3074, 0.3736, 0.3082



47.2071, 0.3903, 0.3043



61.7911, 0.3843, 0.3532



18.0564, 0.3257, 0.3235



11.2948, 0.5988, 0.3072



1.1157, 0.5677, 0.2901

Inverse Universe

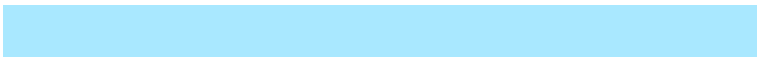
The Inverse Universe completely reimagines the original color for something new.



53.3074, 0.3736, 0.3082



47.2071, 0.3903, 0.3043



73.4033, 0.2614, 0.3032



18.0564, 0.3257, 0.3235



11.2948, 0.5988, 0.3072



1.1157, 0.5677, 0.2901

Previews

White Background



This preview shows how the Yxy color 53.3101, 0.3736, 0.3082 looks on a white background.

Color Contrast Check

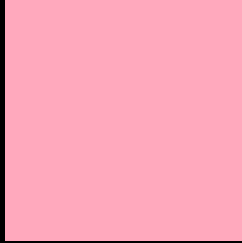
Large Text (above 18pt) WCAG AA × Fail

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 53.3101, 0.3736, 0.3082 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 53.3101, 0.3736, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 53.3101, 0.3736, 0.3082.



This preview shows how white text looks on a background with the Yxy color 53.3101, 0.3736, 0.3082.

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

53.3101, 0.3736, 0.3082

Protanopia

53.4804, 0.3062, 0.3156

Deuteranopia

53.5329, 0.3372, 0.3303



Tritanopia

53.2392, 0.3780, 0.3155

Trichromacy



Original Color

53.3101, 0.3736, 0.3082



Protanomaly

52.9571, 0.3287, 0.3128



Deuteranomaly

53.0534, 0.3507, 0.3212



Tritanomaly

53.3231, 0.3762, 0.3134

Monochromacy



Original Color

53.3101, 0.3736, 0.3082



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.3411, 0.3332, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3101, 0.3736, 0.3082 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, 169, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 189)  
}
```

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, 169, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.3101, 0.3736, 0.3082 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, 169, 189) }
```

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

```
.border{ border-color:rgb(255, 169, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3101, 0.3736, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 189) }
```

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

```
.background{ background-color: rgb(255,  
169, 189) }
```

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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