

Converting Colors

Yxy(53.5658, 0.3714, 0.3092)

Have a look what the booklet for
Yxy(53.5658, 0.3714, 0.3092)
contains.

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Color

Yxy(53.3062, 0.3716, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	FDAABD
RGB	253, 170, 189
RGB Percent	99%, 67%, 74%
CMY	0.0076, 0.3334, 0.2588
CMYK	0.00, 0.33, 0.25, 0.01
HSL	346°, 96%, 83%
HSV	346°, 33%, 99%
XYZ	64.0847, 53.3062, 55.0653
YIQ	196.9830, 43.3690, 23.5050

Conversions

Conversions Part 2

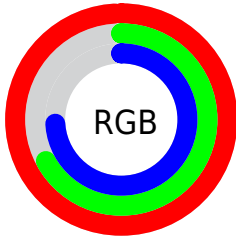
Format	Color
R _Y B	253, 170, 189
Decimal	16624317
CIE Lab	78.06, 33.03, 2.82
CIE LCh	78, 33.147, 4.881
Yxy	53.3062, 0.3716, 0.3091
Android (android.graphics.Color)	4294814397 (0xFFFDAABD)
YUV	196.9830, -3.9356, 49.1269
Hunter-Lab	73.0111, 28.9071, 6.3910

Details

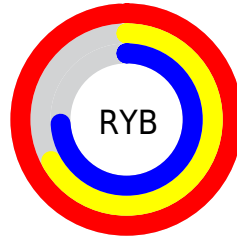
The Yxy color **53.3062, 0.3716, 0.3091** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.7711, 0.2750, 0.3502**, and the grayscale version is **55.8308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2453, 0.3205, 0.3104**, and **26.1023, 0.3874, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **43.9274, 0.3988, 0.3030**, and if you desaturate by 10%, it is **64.6298, 0.3492, 0.3154**.

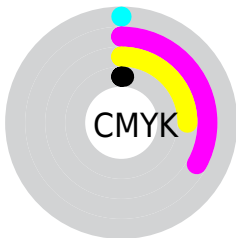
Distribution



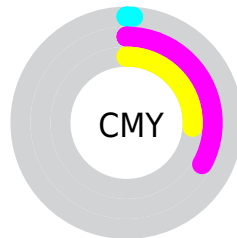
- Red (99%)
- Green (67%)
- Blue (74%)



- Red (99%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (1%)




- Cyan (1%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3062, 0.3716, 0.3091 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 53.3062, 0.3716, 0.3091 by changing the saturation by 10% instead.


 53.3062, 0.3716,
0.3091

 53.3062, 0.3716,
0.3091


399.4588, 0.3427,
0.3191

 38.0473, 0.3786,
0.3066


 95.0548, 0.3612,
0.3127

 26.0194, 0.3875,
0.3035


122.3132, 0.3573,
0.3141

 16.8381, 0.3992,
0.2993


154.3403, 0.3540,
0.3152

 10.1192, 0.4151,
0.2935

191.5204, 0.3511,
0.3162

 5.4780, 0.4381,
0.2849

234.2379, 0.3486,
0.3171

 2.5304, 0.4739,
0.2713

282.8772, 0.3464,

 0.8918, 0.5384,

0.3178

0.2471

337.8227, 0.3445,
0.3185

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3062, 0.3716,
0.3091

53.3062, 0.3716,
0.3091

43.9274, 0.3988,
0.3030

64.6298, 0.3492,
0.3154

36.3762, 0.4312,
0.2978

77.9917, 0.3310,
0.3216

30.5344, 0.4684,
0.2943

93.4883, 0.3163,
0.3274

26.2669, 0.5086,
0.2935

99.6333, 0.3115,
0.3290

■ 23.4176, 0.5485,
0.2965

■ 21.7982, 0.5835,
0.3034

■ 21.1988, 0.6036,
0.3099

Harmonies

Analogous

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



53.3062, 0.3294, 0.2797



53.3062, 0.3716, 0.3091



53.3062, 0.3976, 0.3443

Triad

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



53.3062, 0.3716, 0.3091



53.3062, 0.3359, 0.4080



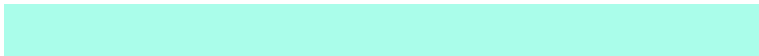
53.3062, 0.2331, 0.2727

Complementary

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



53.3062, 0.3716, 0.3091



84.7711, 0.2750, 0.3502

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.



53.3062, 0.2347, 0.3041



53.3062, 0.3716, 0.3091



53.3062, 0.2920, 0.3870

Square

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



53.3062, 0.3716, 0.3091



53.3062, 0.3752, 0.4031



53.3062, 0.2555, 0.3468



53.3062, 0.2508, 0.2584

Rectangle

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



53.3062, 0.3716, 0.3091



53.3062, 0.4011, 0.3677



53.3062, 0.2555, 0.3468



53.3062, 0.2315, 0.2814

Sweetspot

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



53.3087, 0.3716, 0.3091



83.5938, 0.3266, 0.3233



53.2728, 0.3011, 0.2433



17.4372, 0.3288, 0.3224



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.



53.3087, 0.3716, 0.3091



48.1144, 0.3878, 0.3053



61.5515, 0.3818, 0.3525



18.0553, 0.3258, 0.3236



11.2894, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Inverse Universe

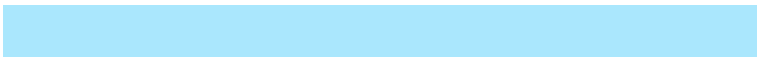
The Inverse Universe completely reimagines the original color for something new.



53.3087, 0.3716, 0.3091



48.1144, 0.3878, 0.3053



72.7358, 0.2627, 0.3040



18.0553, 0.3258, 0.3236



11.2894, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 53.3062, 0.3716, 0.3091 looks on a white background.

Color Contrast Check

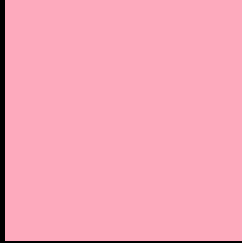
Large Text (above 18pt) WCAG AA × Fail

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 53.3062, 0.3716, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

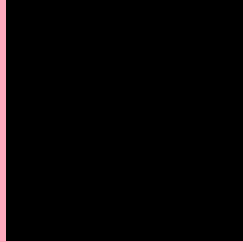
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3062, 0.3716, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 53.3062, 0.3716, 0.3091.

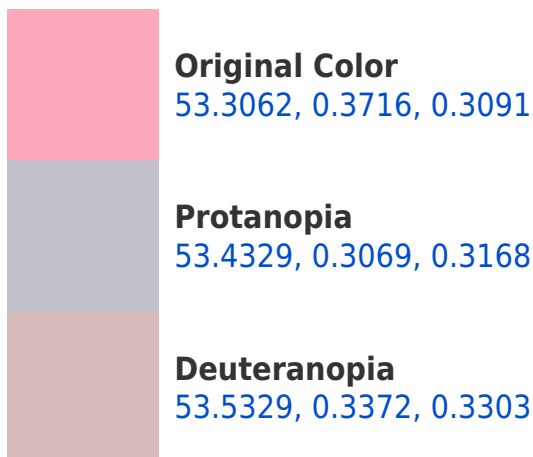


This preview shows how white text looks on a background with the Yxy color 53.3062, 0.3716, 0.3091.

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





Tritanopia

53.4692, 0.3759, 0.3154

Trichromacy



Original Color

53.3062, 0.3716, 0.3091



Protanomaly

52.7593, 0.3286, 0.3139



Deuteranomaly

53.2936, 0.3496, 0.3223



Tritanomaly

53.5536, 0.3741, 0.3133

Monochromacy



Original Color

53.3062, 0.3716, 0.3091



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.1874, 0.3324, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3062, 0.3716, 0.3091 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(253, 170, 189)` looks like.

```
.text, #text, p{  
    color:rgb(253, 170, 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(253, 170, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 170, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.3062, 0.3716, 0.3091 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(253, 170, 189) }
```

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

```
.border{ border-color:rgb(253, 170, 189) }
```

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

Here you see how a box with a 4 pixel rgb(253, 170, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 170, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 170, 189);  
box-shadow:4px 4px 4px 4px rgb(253, 170,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3062, 0.3716, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 170, 189) }
```

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

```
.background{ background-color: rgb(253,  
170, 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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