

Converting Colors

$Yxy(52.1076, 0.3831, 0.3087)$

Have a look what the booklet for
Yxy(52.1076, 0.3831, 0.3087)
contains.

Yxy(51.2716, 0.3797, 0.3082)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.2716, 0.3797, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4B8
RGB	255, 164, 184
RGB Percent	100%, 64%, 72%
CMY	0.0000, 0.3568, 0.2784
CMYK	0.00, 0.36, 0.28, 0.00
HSL	347°, 100%, 82%
HSV	347°, 36%, 100%
XYZ	63.1662, 51.2716, 51.9204
YIQ	193.4890, 47.8160, 25.5120

Conversions

Conversions Part 2

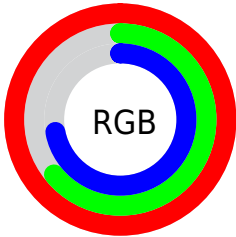
Format	Color
R_{YB}	255, 164, 184
Decimal	16753848
CIE _{Lab}	76.84, 36.15, 3.82
CIE _{LCh}	77, 36.349, 6.038
Yxy	51.2716, 0.3797, 0.3082
Android (android.graphics.Color)	4294943928 (0xFFFFA4B8)
YUV	193.4890, -4.6781, 53.9451
Hunter-Lab	71.6042, 32.1579, 7.1316

Details

The Yxy color **51.2716, 0.3797, 0.3082** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.4069, 0.2718, 0.3514**, and the grayscale version is **53.6401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7377, 0.3243, 0.3093**, and **24.7433, 0.3978, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **42.2669, 0.4088, 0.3025**, and if you desaturate by 10%, it is **62.2281, 0.3557, 0.3142**.

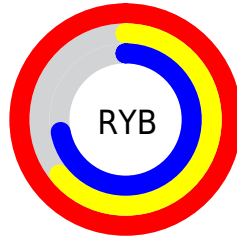
Distribution



Red (100%)

Green (64%)

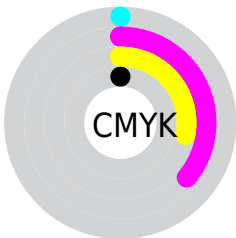
Blue (72%)



Red (100%)

Yellow (64%)

Blue (72%)

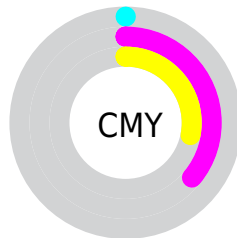


Cyan (0%)

Magenta (36%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2716, 0.3797, 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 51.2716, 0.3797, 0.3082 by changing the saturation by 10% instead.


 51.2716, 0.3797,
0.3082


 51.2716, 0.3797,
0.3082


391.6181, 0.3466,
0.3188

 36.4248, 0.3878,
0.3055


 92.0561, 0.3678,
0.3121

 24.7625, 0.3981,
0.3021


 118.7626, 0.3633,
0.3135

 15.9002, 0.4117,
0.2975


150.1912, 0.3595,
0.3147

 9.4535, 0.4303,
0.2910

186.7261, 0.3562,
0.3158

 5.0382, 0.4573,
0.2814

228.7519, 0.3533,
0.3167

 2.2697, 0.4997,
0.2657

276.6529, 0.3508,

 0.7576, 0.5851,

0.3175

0.2390

330.8135, 0.3486,
0.3182

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2716, 0.3797,
0.3082

51.2716, 0.3797,
0.3082

42.2669, 0.4088,
0.3025

62.2281, 0.3557,
0.3142

35.0918, 0.4431,
0.2979

75.2344, 0.3361,
0.3202

29.6218, 0.4819,
0.2953

90.3908, 0.3203,
0.3259

25.7137, 0.5229,
0.2956

99.9988, 0.3127,
0.3290

■ 23.2004, 0.5622,
0.2998

■ 21.8760, 0.5948,
0.3076

■ 21.5449, 0.6063,
0.3114

Harmonies

Analogous

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



51.2716, 0.3330, 0.2758



51.2716, 0.3797, 0.3082



51.2716, 0.4077, 0.3468

Triad

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



51.2716, 0.3797, 0.3082



51.2716, 0.3361, 0.4169



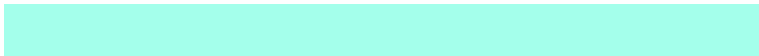
51.2716, 0.2255, 0.2655

Complementary

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



51.2716, 0.3797, 0.3082



85.4069, 0.2718, 0.3514

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.



51.2716, 0.2262, 0.2992



51.2716, 0.3797, 0.3082



51.2716, 0.2877, 0.3926

Square

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



51.2716, 0.3797, 0.3082



51.2716, 0.3802, 0.4117



51.2716, 0.2481, 0.3467



51.2716, 0.2455, 0.2510

Rectangle

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



51.2716, 0.3797, 0.3082



51.2716, 0.4107, 0.3725



51.2716, 0.2481, 0.3467



51.2716, 0.2233, 0.2747

Sweetspot

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



51.2741, 0.3797, 0.3082



82.0607, 0.3283, 0.3229



51.2262, 0.2997, 0.2356



17.1309, 0.3305, 0.3222



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.



51.2741, 0.3797, 0.3082



44.4997, 0.4005, 0.3040



60.0220, 0.3899, 0.3547



18.0524, 0.3260, 0.3238



11.2763, 0.6026, 0.3093



1.1134, 0.5720, 0.2925

Inverse Universe

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



51.2741, 0.3797, 0.3082



44.4997, 0.4005, 0.3040



72.1144, 0.2586, 0.3014



18.0524, 0.3260, 0.3238



11.2763, 0.6026, 0.3093



1.1134, 0.5720, 0.2925

Previews

White Background



This preview shows how the Yxy color 51.2716, 0.3797, 0.3082 looks on a white background.

Color Contrast Check

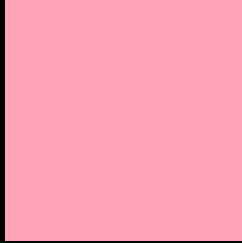
Large Text (above 18pt) WCAG AA × Fail

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 51.2716, 0.3797, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

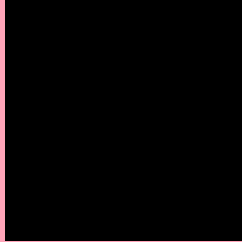
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2716, 0.3797, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 51.2716, 0.3797, 0.3082.



This preview shows how white text looks on a background with the Yxy color 51.2716, 0.3797, 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

51.2716, 0.3797, 0.3082

Protanopia

51.5488, 0.3076, 0.3179

Deuteranopia

51.6142, 0.3392, 0.3327



Tritanopia

51.1955, 0.3843, 0.3155

Trichromacy



Original Color

51.2716, 0.3797, 0.3082



Protanomaly

50.7889, 0.3316, 0.3137



Deuteranomaly

51.3157, 0.3539, 0.3234



Tritanomaly

51.2764, 0.3824, 0.3134

Monochromacy



Original Color

51.2716, 0.3797, 0.3082



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.7725, 0.3355, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2716, 0.3797, 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, 164, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 184)  
}
```

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, 164, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.2716, 0.3797, 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, 164, 184) }
```

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

```
.border{ border-color:rgb(255, 164, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2716, 0.3797, 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, 164, 184) }
```

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

```
.background{ background-color: rgb(255,  
164, 184) }
```

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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