

Converting Colors

Yxy(64.6655, 0.4162, 0.2949)

Have a look what the booklet for
Yxy(64.6655, 0.4162, 0.2949)
contains.

Yxy(51.0140, 0.3632, 0.2866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.0140, 0.3632, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1CA
RGB	255, 161, 202
RGB Percent	100%, 63%, 79%
CMY	0.0000, 0.3686, 0.2077
CMYK	0.00, 0.37, 0.21, 0.00
HSL	334°, 100%, 82%
HSV	334°, 37%, 100%
XYZ	64.6486, 51.0140, 62.3346
YIQ	193.7800, 42.8630, 32.6790

Conversions

Conversions Part 2

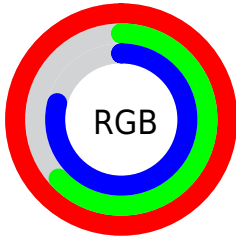
Format	Color
R _Y B	255, 161, 202
Decimal	16753098
CIE Lab	76.69, 40.21, -6.26
CIE LCh	77, 40.690, 351.147
Yxy	51.0140, 0.3632, 0.2866
Android (android.graphics.Color)	4294943178 (0xFFFFA1CA)
YUV	193.7800, 4.0525, 53.6899
Hunter-Lab	71.4241, 36.5748, -1.7479

Details

The Yxy color **51.0140, 0.3632, 0.2866** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.9508, 0.2806, 0.3764**, and the grayscale version is **53.7704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **24.7336, 0.3770, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **42.3445, 0.3837, 0.2753**, and if you desaturate by 10%, it is **61.5682, 0.3459, 0.2985**.

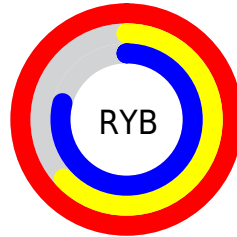
Distribution



Red (100%)

Green (63%)

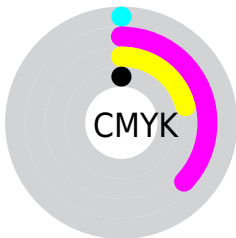
Blue (79%)



Red (100%)

Yellow (63%)

Blue (79%)

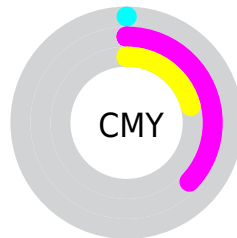


Cyan (0%)

Magenta (37%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0140, 0.3632, 0.2866 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 51.0140, 0.3632, 0.2866 by changing the saturation by 10% instead.


 51.0140, 0.3632,
0.2866


 51.0140, 0.3632,
0.2866


390.6182, 0.3387,
0.3069

 36.2197, 0.3691,
0.2818


 91.6755, 0.3544,
0.2938

 24.6040, 0.3766,
0.2758


 118.3115, 0.3511,
0.2965

 15.7822, 0.3863,
0.2681


149.6635, 0.3483,
0.2989

 9.3702, 0.3995,
0.2577

186.1160, 0.3458,
0.3009

 4.9834, 0.4183,
0.2433

228.0533, 0.3437,
0.3027

 2.2375, 0.4473,
0.2216

275.8599, 0.3418,

 0.7403, 0.4983,

0.3042

0.1846

329.9200, 0.3402,
0.3056

0.0000, 0.9426,
0.0000

0.0000, 0.0000,
0.0000

51.0140, 0.3632,
0.2866

51.0140, 0.3632,
0.2866

42.3445, 0.3837,
0.2753

61.5682, 0.3459,
0.2985

35.4407, 0.4074,
0.2655

74.1044, 0.3315,
0.3103

30.1793, 0.4341,
0.2584

88.7205, 0.3196,
0.3216

26.4186, 0.4627,
0.2553

100.0000, 0.3127,
0.3290

■ 23.9924, 0.4917,
0.2573

■ 22.6903, 0.5191,
0.2649

■ 22.4144, 0.5274,
0.2679

Harmonies

Analogous

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



51.0140, 0.3069, 0.2568



51.0140, 0.3632, 0.2866



51.0140, 0.4074, 0.3264

Triad

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



51.0140, 0.3632, 0.2866



51.0140, 0.3642, 0.4288



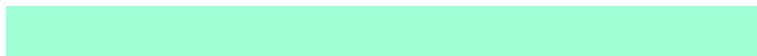
51.0140, 0.2134, 0.2737

Complementary

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



51.0140, 0.3632, 0.2866



83.9508, 0.2806, 0.3764

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.



51.0140, 0.2257, 0.3203



51.0140, 0.3632, 0.2866



51.0140, 0.3107, 0.4188

Square

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



51.0140, 0.3632, 0.2866



51.0140, 0.4061, 0.4078



51.0140, 0.2602, 0.3763



51.0140, 0.2243, 0.2475

Rectangle

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



51.0140, 0.3632, 0.2866



51.0140, 0.4215, 0.3553



51.0140, 0.2602, 0.3763



51.0140, 0.2149, 0.2873

Sweetspot

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



51.0161, 0.3632, 0.2866



82.4142, 0.3243, 0.3170



46.8118, 0.2829, 0.2278



17.2148, 0.3259, 0.3154



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.



51.0161, 0.3632, 0.2866



44.6406, 0.3775, 0.2784



50.9974, 0.4014, 0.3342



18.1188, 0.3225, 0.3187



11.7407, 0.5233, 0.2656



1.1646, 0.4946, 0.2499

Inverse Universe

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



51.0161, 0.3632, 0.2866



44.6406, 0.3775, 0.2784



83.3551, 0.2603, 0.3237



18.1188, 0.3225, 0.3187



11.7407, 0.5233, 0.2656



1.1646, 0.4946, 0.2499

Previews

White Background



This preview shows how the Yxy color 51.0140, 0.3632, 0.2866 looks on a white background.

Color Contrast Check

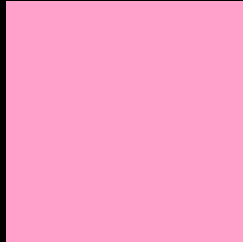
Large Text (above 18pt) WCAG AA × Fail

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 51.0140, 0.3632, 0.2866 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 51.0140, 0.3632, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 51.0140, 0.3632, 0.2866.



This preview shows how white text looks on a background with the Yxy color 51.0140, 0.3632, 0.2866.

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

51.0140, 0.3632, 0.2866

Protanopia

51.2713, 0.2870, 0.2912

Deuteranopia

51.1956, 0.3185, 0.3122



Tritanopia

50.8201, 0.3825, 0.3154

Trichromacy



Original Color

51.0140, 0.3632, 0.2866



Protanomaly

50.3465, 0.3121, 0.2883



Deuteranomaly

50.8622, 0.3349, 0.3027



Tritanomaly

51.0214, 0.3750, 0.3049

Monochromacy



Original Color

51.0140, 0.3632, 0.2866



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.0860, 0.3297, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0140, 0.3632, 0.2866 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, 161, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 202)  
}
```

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, 161, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 202) }
```

Border

The CSS property to change the border of an element to Yxy 51.0140, 0.3632, 0.2866 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, 161, 202) }
```

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

```
.border{ border-color:rgb(255, 161, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0140, 0.3632, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 202) }
```

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

```
.background{ background-color: rgb(255,  
161, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor