

Converting Colors

$Yxy(50.6903, 0.3624, 0.2902)$

Have a look what the booklet for
Yxy(50.6903, 0.3624, 0.2902)
contains.

Yxy(50.6596, 0.3632, 0.2903)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.6596, 0.3632, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	FCA2C7
RGB	252, 162, 199
RGB Percent	99%, 64%, 78%
CMY	0.0116, 0.3647, 0.2196
CMYK	0.00, 0.36, 0.21, 0.01
HSL	335°, 94%, 81%
HSV	335°, 36%, 99%
XYZ	63.3812, 50.6596, 60.4669
YIQ	193.1280, 41.7630, 30.5870

Conversions

Conversions Part 2

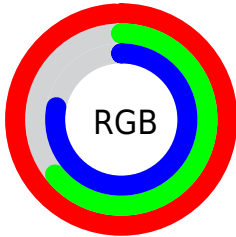
Format	Color
R _Y B	252, 162, 199
Decimal	16556743
CIE Lab	76.47, 38.24, -4.96
CIE LCh	76, 38.561, 352.613
Yxy	50.6596, 0.3632, 0.2903
Android (android.graphics.Color)	4294746823 (0xFFFC A2C7)
YUV	193.1280, 2.8949, 51.6307
Hunter-Lab	71.1756, 34.3955, -0.5467

Details

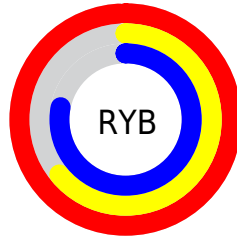
The Yxy color **50.6596, 0.3632, 0.2903** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.2275, 0.2803, 0.3719**, and the grayscale version is **53.3730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **24.4509, 0.3771, 0.2809** is the 20% darker color. If you saturate the color by 10%, you get **41.9993, 0.3843, 0.2796**, and if you desaturate by 10%, it is **61.1711, 0.3454, 0.3015**.

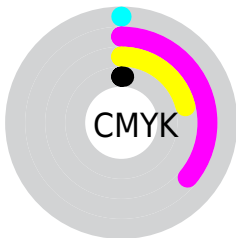
Distribution



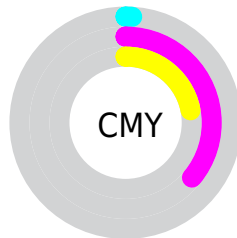
- Red (99%)
- Green (64%)
- Blue (78%)



- Red (99%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (1%)




- Cyan (1%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6596, 0.3632, 0.2903 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 50.6596, 0.3632, 0.2903 by changing the saturation by 10% instead.


 50.6596, 0.3632,
0.2903

 50.6596, 0.3632,
0.2903


389.2398, 0.3386,
0.3089

 35.9378, 0.3692,
0.2859


 91.1514, 0.3544,
0.2969

 24.3861, 0.3767,
0.2803


 117.6902, 0.3510,
0.2994

 15.6203, 0.3866,
0.2731


148.9367, 0.3482,
0.3016

 9.2559, 0.4000,
0.2634

185.2754, 0.3457,
0.3035

 4.9085, 0.4193,
0.2497

227.0907, 0.3436,
0.3051

 2.1936, 0.4493,
0.2290

274.7669, 0.3417,

 0.7165, 0.5030,

0.3065

0.1922

328.6885, 0.3400,
0.3078

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6596, 0.3632,
0.2903

50.6596, 0.3632,
0.2903

41.9993, 0.3843,
0.2796

61.1711, 0.3454,
0.3015

35.0741, 0.4090,
0.2702

73.6265, 0.3307,
0.3126

29.7663, 0.4368,
0.2633

88.1208, 0.3186,
0.3232

25.9398, 0.4668,
0.2602

99.4410, 0.3109,
0.3290

■ 23.4361, 0.4974,
0.2621

■ 22.0593, 0.5263,
0.2695

■ 21.6919, 0.5380,
0.2737

Harmonies

Analogous

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



50.6596, 0.3100, 0.2611



50.6596, 0.3632, 0.2903



50.6596, 0.4040, 0.3288

Triad

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



50.6596, 0.3632, 0.2903



50.6596, 0.3597, 0.4240



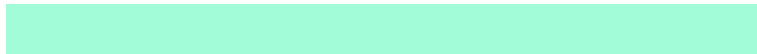
50.6596, 0.2179, 0.2749

Complementary

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



50.6596, 0.3632, 0.2903



82.2275, 0.2803, 0.3719

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.



50.6596, 0.2287, 0.3185



50.6596, 0.3632, 0.2903



50.6596, 0.3085, 0.4126

Square

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



50.6596, 0.3632, 0.2903



50.6596, 0.4002, 0.4057



50.6596, 0.2608, 0.3714



50.6596, 0.2294, 0.2506

Rectangle

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



50.6596, 0.3632, 0.2903



50.6596, 0.4165, 0.3565



50.6596, 0.2608, 0.3714



50.6596, 0.2190, 0.2876

Sweetspot

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



50.6620, 0.3632, 0.2903



82.3720, 0.3247, 0.3177



47.2415, 0.2865, 0.2318



17.2048, 0.3264, 0.3162



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.



50.6620, 0.3632, 0.2903



45.3537, 0.3783, 0.2824



51.8697, 0.3963, 0.3372



17.3435, 0.3229, 0.3193



11.3241, 0.5337, 0.2714



1.0693, 0.5025, 0.2542

Inverse Universe

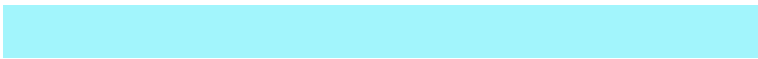
The Inverse Universe completely reimagines the original color for something new.



50.6620, 0.3632, 0.2903



45.3537, 0.3783, 0.2824



79.7292, 0.2612, 0.3205



17.3435, 0.3229, 0.3193



11.3241, 0.5337, 0.2714



1.0693, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 50.6596, 0.3632, 0.2903 looks on a white background.

Color Contrast Check

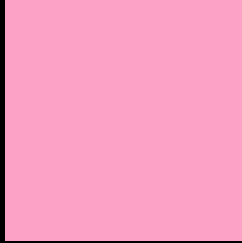
Large Text (above 18pt) WCAG AA × Fail

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 50.6596, 0.3632, 0.2903 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 50.6596, 0.3632, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 50.6596, 0.3632, 0.2903.



This preview shows how white text looks on a background with the Yxy color 50.6596, 0.3632, 0.2903.

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

50.6596, 0.3632, 0.2903

Protanopia

51.1870, 0.2906, 0.2959

Deuteranopia

50.7862, 0.3219, 0.3146



Tritanopia

50.8108, 0.3804, 0.3164

Trichromacy



Original Color

50.6596, 0.3632, 0.2903

Protanomaly

50.3990, 0.3144, 0.2938

Deuteranomaly

50.1751, 0.3367, 0.3049

Tritanomaly

50.9647, 0.3739, 0.3069

Monochromacy



Original Color

50.6596, 0.3632, 0.2903

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.6922, 0.3297, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6596, 0.3632, 0.2903 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(252, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(252, 162, 199)  
}
```

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(252, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 162, 199) }
```

Border

The CSS property to change the border of an element to Yxy 50.6596, 0.3632, 0.2903 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(252, 162, 199) }
```

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

```
.border{ border-color:rgb(252, 162, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 162, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(252, 162,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6596, 0.3632, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 162, 199) }
```

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

```
.background{ background-color: rgb(252,  
162, 199) }
```

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