

Converting Colors

Yxy(51.6369, 0.3616, 0.2919)

Have a look what the booklet for
Yxy(51.6369, 0.3616, 0.2919)
contains.

Yxy(51.7758, 0.3616, 0.2924)	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(51.7758, 0.3616, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	FCA5C8
RGB	252, 165, 200
RGB Percent	99%, 65%, 78%
CMY	0.0117, 0.3529, 0.2157
CMYK	0.00, 0.35, 0.21, 0.01
HSL	336°, 94%, 82%
HSV	336°, 35%, 99%
XYZ	64.0292, 51.7758, 61.2668
YIQ	195.0030, 40.6170, 29.3290

Conversions

Conversions Part 2

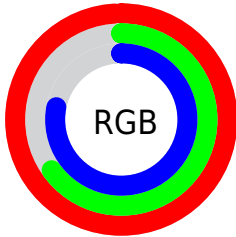
Format	Color
R _Y B	252, 165, 200
Decimal	16557512
CIE Lab	77.15, 36.82, -4.52
CIE LCh	77, 37.094, 353.006
Yxy	51.7758, 0.3616, 0.2924
Android (android.graphics.Color)	4294747592 (0xFFFC A5C8)
YUV	195.0030, 2.4635, 49.9864
Hunter-Lab	71.9554, 32.9154, -0.1140

Details

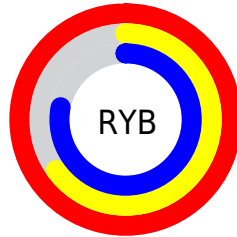
The Yxy color **51.7758, 0.3616, 0.2924** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.6378, 0.2809, 0.3693**, and the grayscale version is **54.5437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.1330, 0.3748, 0.2835** is the 20% darker color. If you saturate the color by 10%, you get **42.8954, 0.3827, 0.2818**, and if you desaturate by 10%, it is **62.5214, 0.3440, 0.3034**.

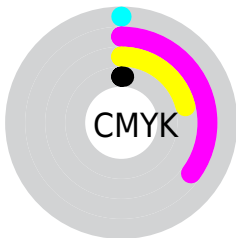
Distribution



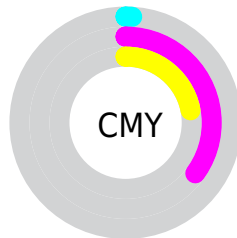
- Red (99%)
- Green (65%)
- Blue (78%)



- Red (99%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7758, 0.3616, 0.2924 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 51.7758, 0.3616, 0.2924 by changing the saturation by 10% instead.


 51.7758, 0.3616,
0.2924

 51.7758, 0.3616,
0.2924


393.5705, 0.3378,
0.3100

 36.8264, 0.3673,
0.2882


 92.8005, 0.3531,
0.2986

 25.0731, 0.3746,
0.2830


 119.6446, 0.3499,
0.3010

 16.1315, 0.3841,
0.2762


151.2224, 0.3471,
0.3031

 9.6173, 0.3970,
0.2671

187.9183, 0.3447,
0.3048

 5.1459, 0.4154,
0.2542

230.1166, 0.3427,
0.3064

 2.3331, 0.4440,
0.2348

278.2018, 0.3409,

 0.7912, 0.4940,

0.3077

0.2017

332.5583, 0.3392,
0.3089

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7758, 0.3616,
0.2924

51.7758, 0.3616,
0.2924

42.8954, 0.3827,
0.2818

62.5214, 0.3440,
0.3034

35.7654, 0.4073,
0.2724

75.2240, 0.3294,
0.3142

30.2691, 0.4353,
0.2653

89.9779, 0.3174,
0.3245

26.2729, 0.4657,
0.2619

99.4378, 0.3109,
0.3290

■ 23.6213, 0.4968,
0.2634

■ 22.1242, 0.5264,
0.2702

■ 21.6451, 0.5415,
0.2757

Harmonies

Analogous

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



51.7758, 0.3109, 0.2642



51.7758, 0.3616, 0.2924



51.7758, 0.4002, 0.3296

Triad

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



51.7758, 0.3616, 0.2924



51.7758, 0.3572, 0.4197



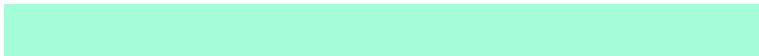
51.7758, 0.2218, 0.2770

Complementary

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



51.7758, 0.3616, 0.2924



82.6378, 0.2809, 0.3693

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.



51.7758, 0.2319, 0.3186



51.7758, 0.3616, 0.2924



51.7758, 0.3082, 0.4081

Square

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



51.7758, 0.3616, 0.2924



51.7758, 0.3961, 0.4030



51.7758, 0.2626, 0.3688



51.7758, 0.2331, 0.2537

Rectangle

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



51.7758, 0.3616, 0.2924



51.7758, 0.4119, 0.3562



51.7758, 0.2626, 0.3688



51.7758, 0.2227, 0.2891

Sweetspot

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



51.7782, 0.3616, 0.2924



83.8527, 0.3237, 0.3190



48.5009, 0.2876, 0.2353



17.4995, 0.3254, 0.3175



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.



51.7782, 0.3616, 0.2924



47.0452, 0.3749, 0.2854



53.0147, 0.3924, 0.3370



17.3409, 0.3230, 0.3195



11.3012, 0.5372, 0.2733



1.0670, 0.5057, 0.2560

Inverse Universe

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



51.7782, 0.3616, 0.2924



47.0452, 0.3749, 0.2854



80.1888, 0.2627, 0.3208



17.3409, 0.3230, 0.3195



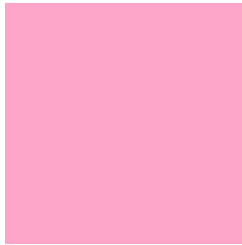
11.3012, 0.5372, 0.2733



1.0670, 0.5057, 0.2560

Previews

White Background



This preview shows how the Yxy color 51.7758, 0.3616, 0.2924 looks on a white background.

Color Contrast Check

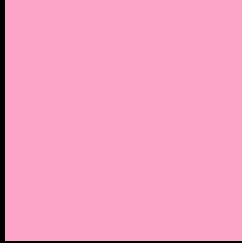
Large Text (above 18pt) WCAG AA × Fail

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 51.7758, 0.3616, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

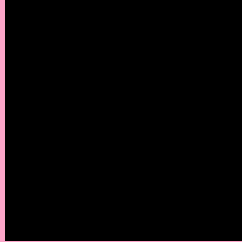
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7758, 0.3616, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 51.7758, 0.3616, 0.2924.



This preview shows how white text looks on a background with the Yxy color 51.7758, 0.3616, 0.2924.

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

51.7758, 0.3616, 0.2924

Protanopia

52.2980, 0.2922, 0.2986

Deuteranopia

51.9488, 0.3226, 0.3159



Tritanopia

51.6655, 0.3769, 0.3153

Trichromacy



Original Color

51.7758, 0.3616, 0.2924



Protanomaly

51.5498, 0.3151, 0.2953



Deuteranomaly

51.5600, 0.3363, 0.3073



Tritanomaly

51.7775, 0.3715, 0.3069

Monochromacy



Original Color

51.7758, 0.3616, 0.2924



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.9111, 0.3295, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7758, 0.3616, 0.2924 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, 165, 200)` looks like.

```
.text, #text, p{  
    color:rgb(252, 165, 200)  
}
```

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, 165, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 165, 200) }
```

Border

The CSS property to change the border of an element to Yxy 51.7758, 0.3616, 0.2924 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, 165, 200) }
```

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

```
.border{ border-color:rgb(252, 165, 200) }
```

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

Here you see how a box with a 4 pixel rgb(252, 165, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 165, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 165, 200);  
box-shadow:4px 4px 4px 4px rgb(252, 165,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7758, 0.3616, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 165, 200) }
```

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

```
.background{ background-color: rgb(252,  
165, 200) }
```

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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