

Converting Colors

$Y_{xy}(41.4749, 0.3652, 0.2545)$

Have a look what the booklet for
Yxy(41.4749, 0.3652, 0.2545)
contains.

Yxy(41.4749, 0.3652, 0.2545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4749, 0.3652, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	FD83CC
RGB	253, 131, 204
RGB Percent	99%, 51%, 80%
CMY	0.0079, 0.4862, 0.2001
CMYK	0.00, 0.48, 0.19, 0.01
HSL	324°, 97%, 75%
HSV	324°, 48%, 99%
XYZ	59.5153, 41.4749, 61.9760
YIQ	175.8000, 49.2790, 48.5670

Conversions

Conversions Part 2

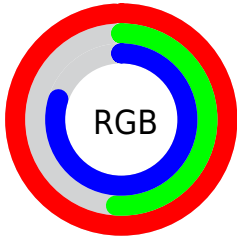
Format	Color
R _Y B	253, 131, 204
Decimal	16614348
CIE Lab	70.51, 54.88, -16.60
CIE LCh	71, 57.338, 343.173
Yxy	41.4749, 0.3652, 0.2545
Android (android.graphics.Color)	4294804428 (0xFFFD83CC)
YUV	175.8000, 13.9026, 67.7044
Hunter-Lab	64.4010, 52.2564, -11.9768

Details

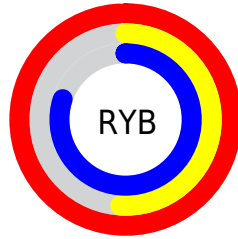
The Yxy color **41.4749, 0.3652, 0.2545** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.3630, 0.2825, 0.4199**, and the grayscale version is **43.2162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0206, 0.3158, 0.2624**, and **18.8402, 0.3789, 0.2353** is the 20% darker color. If you saturate the color by 10%, you get **35.0174, 0.3813, 0.2413**, and if you desaturate by 10%, it is **49.6270, 0.3509, 0.2696**.

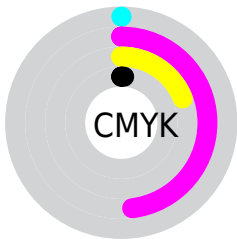
Distribution



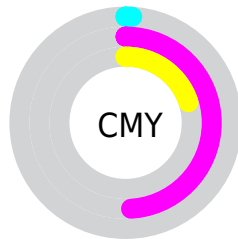
- Red (99%)
- Green (51%)
- Blue (80%)



- Red (99%)
- Yellow (51%)
- Blue (80%)



- Cyan (0%)
- Magenta (48%)
- Yellow (19%)
- Black (1%)




- Cyan (1%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4749, 0.3652, 0.2545 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 41.4749, 0.3652, 0.2545 by changing the saturation by 10% instead.


 41.4749, 0.3652,
0.2545


 41.4749, 0.3652,
0.2545


352.3016, 0.3397,
0.2900


 28.6903, 0.3713,
0.2462


 77.4043, 0.3561,
0.2670

 18.8467, 0.3791,
0.2358


 101.3179, 0.3526,
0.2718

 11.5596, 0.3891,
0.2225


 129.7100, 0.3497,
0.2759

 6.4445, 0.4026,
0.2050

162.9650, 0.3471,
0.2795

 3.1172, 0.4218,
0.1808

201.4672, 0.3449,
0.2826

 1.1932, 0.4507,
0.1462

245.6012, 0.3430,

 0.0562, 0.5391,

0.2854

0.0199

295.7511, 0.3412,
0.2878

0.0000, 0.9546,
0.0000

0.0000, 0.0000,
0.0000

41.4749, 0.3652,
0.2545

41.4749, 0.3652,
0.2545

35.0174, 0.3813,
0.2413

49.6270, 0.3509,
0.2696

30.1251, 0.3990,
0.2311

59.5788, 0.3384,
0.2854

26.6594, 0.4176,
0.2251

71.4338, 0.3279,
0.3014

24.4545, 0.4365,
0.2242

85.2859, 0.3189,
0.3169

■ 23.2820, 0.4547,
0.2286

99.6065, 0.3116,
0.3292

■ 23.1237, 0.4580,
0.2297

99.6192, 0.3115,
0.3290

Harmonies

Analogous

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



41.4749, 0.2809, 0.2189



41.4749, 0.3652, 0.2545



41.4749, 0.4415, 0.3057

Triad

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



41.4749, 0.3652, 0.2545



41.4749, 0.4027, 0.4715



41.4749, 0.1724, 0.2591

Complementary

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



41.4749, 0.3652, 0.2545



78.3630, 0.2825, 0.4199

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.



41.4749, 0.1957, 0.3350



41.4749, 0.3652, 0.2545



41.4749, 0.3263, 0.4792

Square

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



41.4749, 0.3652, 0.2545



41.4749, 0.4593, 0.4241



41.4749, 0.2505, 0.4248



41.4749, 0.1796, 0.2166

Rectangle

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



41.4749, 0.3652, 0.2545



41.4749, 0.4708, 0.3445



41.4749, 0.2505, 0.4248



41.4749, 0.1766, 0.2810

Sweetspot

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



41.4769, 0.3652, 0.2545



78.4099, 0.3239, 0.3079



33.0105, 0.2556, 0.1891



16.1494, 0.3259, 0.3046



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.



41.4769, 0.3652, 0.2545



35.7619, 0.3810, 0.2415



39.1086, 0.4340, 0.3167



18.1695, 0.3200, 0.3149



12.3326, 0.4552, 0.2281



1.2224, 0.4356, 0.2174

Inverse Universe

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



41.4769, 0.3652, 0.2545



35.7619, 0.3810, 0.2415



81.4043, 0.2542, 0.3430



18.1695, 0.3200, 0.3149



12.3326, 0.4552, 0.2281



1.2224, 0.4356, 0.2174

Previews

White Background



This preview shows how the Yxy color 41.4749, 0.3652, 0.2545 looks on a white background.

Color Contrast Check

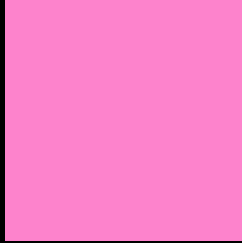
Large Text (above 18pt) WCAG AA × Fail

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 41.4749, 0.3652, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

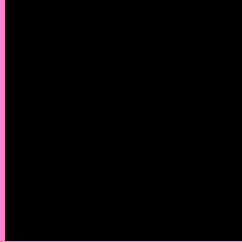
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4749, 0.3652, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 41.4749, 0.3652, 0.2545.



This preview shows how white text looks on a background with the Yxy color 41.4749, 0.3652, 0.2545.

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

41.4749, 0.3652, 0.2545

Protanopia

42.0199, 0.2564, 0.2515

Deuteranopia

41.5475, 0.2970, 0.2899



Tritanopia

41.5695, 0.4142, 0.3185

Trichromacy



Original Color

41.4749, 0.3652, 0.2545



Protanomaly

40.1272, 0.2890, 0.2491



Deuteranomaly

40.5920, 0.3200, 0.2745



Tritanomaly

41.4412, 0.3965, 0.2941

Monochromacy



Original Color

41.4749, 0.3652, 0.2545



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.5242, 0.3312, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4749, 0.3652, 0.2545 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, 131, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 131, 204)  
}
```

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, 131, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 131, 204) }
```

Border

The CSS property to change the border of an element to Yxy 41.4749, 0.3652, 0.2545 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, 131, 204) }
```

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

```
.border{ border-color:rgb(253, 131, 204) }
```

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

Here you see how a box with a 4 pixel rgb(253, 131, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 131, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 131, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 131,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4749, 0.3652, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 131, 204) }
```

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

```
.background{ background-color: rgb(253,  
131, 204) }
```

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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