

Converting Colors

$Y_{xy}(41.6258, 0.3607, 0.2510)$

Have a look what the booklet for
Yxy(41.6258, 0.3607, 0.2510)
contains.

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Color

Yxy(41.4821, 0.3600, 0.2504)

Conversions

Conversions Part 1

Format	Color
Hex	FC83D0
RGB	252, 131, 208
RGB Percent	99%, 51%, 82%
CMY	0.0119, 0.4862, 0.1843
CMYK	0.00, 0.48, 0.17, 0.01
HSL	322°, 95%, 75%
HSV	322°, 48%, 99%
XYZ	59.6388, 41.4821, 64.5424
YIQ	175.9570, 47.3990, 49.5990

Conversions

Conversions Part 2

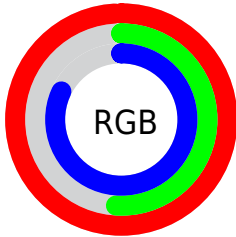
Format	Color
RYB	252, 131, 208
Decimal	16548816
CIELab	70.51, 55.16, -18.85
CIELCh	71, 58.288, 341.135
Yxy	41.4821, 0.3600, 0.2504
Android (android.graphics.Color)	4294738896 (0xFFFC83D0)
YUV	175.9570, 15.7972, 66.6897
Hunter-Lab	64.4066, 52.5747, -14.3304

Details

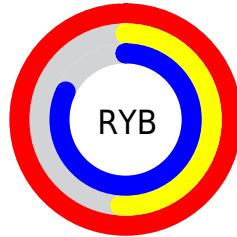
The Yxy color $41.4821, 0.3600, 0.2504$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $77.5242, 0.2849, 0.4255$, and the grayscale version is $43.2935, 0.3127, 0.3290$.

A 20% lighter version of the original color is $64.0206, 0.3158, 0.2624$, and $18.8394, 0.3715, 0.2302$ is the 20% darker color. If you saturate the color by 10%, you get $35.0794, 0.3743, 0.2363$, and if you desaturate by 10%, it is $49.5604, 0.3472, 0.2663$.

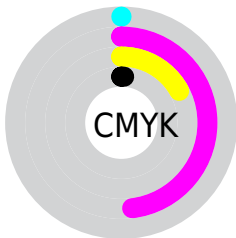
Distribution



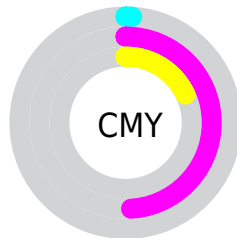
- Red (99%)
- Green (51%)
- Blue (82%)



- Red (99%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (48%)
- Yellow (17%)
- Black (1%)




- Cyan (1%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4821, 0.3600, 0.2504 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 41.4821, 0.3600, 0.2504 by changing the saturation by 10% instead.


 41.4821, 0.3600,
0.2504


 41.4821, 0.3600,
0.2504


352.3315, 0.3373,
0.2877


 28.6960, 0.3654,
0.2417


 77.4152, 0.3520,
0.2635

 18.8510, 0.3721,
0.2309


 101.3310, 0.3489,
0.2685

 11.5626, 0.3808,
0.2172


 129.7254, 0.3462,
0.2728

 6.4466, 0.3924,
0.1991

162.9829, 0.3440,
0.2766

 3.1185, 0.4086,
0.1745

201.4879, 0.3420,
0.2799

 1.1939, 0.4324,
0.1396

245.6247, 0.3402,

 0.0567, 0.5057,

0.2828

0.0187

295.7778, 0.3387,
0.2853

■ 0.0000, 0.6668,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.4821, 0.3600,
0.2504

■ 41.4821, 0.3600,
0.2504

■ 35.0794, 0.3743,
0.2363

■ 49.5604, 0.3472,
0.2663

■ 30.2244, 0.3899,
0.2253

■ 59.4179, 0.3360,
0.2831

■ 26.7808, 0.4063,
0.2184

■ 71.1567, 0.3264,
0.3000

■ 24.5850, 0.4228,
0.2166

■ 84.8697, 0.3183,
0.3164

■ 23.4155, 0.4388,
0.2199

■ 99.3530, 0.3115,
0.3301

■ 23.2413, 0.4420,
0.2209

■ 99.4299, 0.3108,
0.3290

Harmonies

Analogous

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



41.4821, 0.2750, 0.2157



41.4821, 0.3600, 0.2504



41.4821, 0.4394, 0.3013

Triad

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



41.4821, 0.3600, 0.2504



41.4821, 0.4085, 0.4712



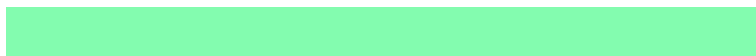
41.4821, 0.1711, 0.2621

Complementary

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



41.4821, 0.3600, 0.2504



77.5242, 0.2849, 0.4255

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.



41.4821, 0.1968, 0.3412



41.4821, 0.3600, 0.2504



41.4821, 0.3317, 0.4833

Square

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



41.4821, 0.3600, 0.2504



41.4821, 0.4641, 0.4211



41.4821, 0.2541, 0.4321



41.4821, 0.1764, 0.2168

Rectangle

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



41.4821, 0.3600, 0.2504



41.4821, 0.4714, 0.3403



41.4821, 0.2541, 0.4321



41.4821, 0.1760, 0.2850

Sweetspot

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



41.4841, 0.3600, 0.2504



78.4919, 0.3230, 0.3066



32.1911, 0.2511, 0.1880



16.1694, 0.3248, 0.3030



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.



41.4841, 0.3600, 0.2504



36.0245, 0.3744, 0.2363



39.1049, 0.4261, 0.3103



17.4112, 0.3194, 0.3140



12.1392, 0.4395, 0.2195



1.1446, 0.4215, 0.2096

Inverse Universe

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



41.4841, 0.3600, 0.2504



36.0245, 0.3744, 0.2363



80.3602, 0.2571, 0.3502



17.4112, 0.3194, 0.3140



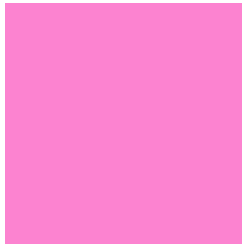
12.1392, 0.4395, 0.2195



1.1446, 0.4215, 0.2096

Previews

White Background



This preview shows how the Yxy color 41.4821, 0.3600, 0.2504 looks on a white background.

Color Contrast Check

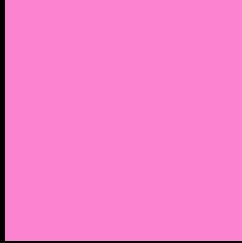
Large Text (above 18pt) WCAG AA × Fail

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 41.4821, 0.3600, 0.2504 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 41.4821, 0.3600, 0.2504

Background



This preview shows how black text looks on a background with the Yxy color 41.4821, 0.3600, 0.2504.



This preview shows how white text looks on a background with the Yxy color 41.4821, 0.3600, 0.2504.

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

41.4821, 0.3600, 0.2504

Protanopia

42.0520, 0.2527, 0.2469

Deuteranopia

41.8703, 0.2922, 0.2861



Tritanopia

41.2387, 0.4112, 0.3173

Trichromacy



Original Color

41.4821, 0.3600, 0.2504



Protanomaly

40.2151, 0.2851, 0.2448



Deuteranomaly

40.6397, 0.3155, 0.2698



Tritanomaly

41.1505, 0.3924, 0.2917

Monochromacy



Original Color

41.4821, 0.3600, 0.2504



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.6098, 0.3294, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4821, 0.3600, 0.2504 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, 131, 208)` looks like.

```
.text, #text, p{  
    color:rgb(252, 131, 208)  
}
```

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, 131, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 131, 208) }
```

Border

The CSS property to change the border of an element to Yxy 41.4821, 0.3600, 0.2504 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, 131, 208) }
```

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

```
.border{ border-color:rgb(252, 131, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 131, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 131, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 131, 208);  
box-shadow:4px 4px 4px 4px rgb(252, 131,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4821, 0.3600, 0.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 131, 208) }
```

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

```
.background{ background-color: rgb(252,  
131, 208) }
```

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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