

Converting Colors

$Y_{xy}(45.4715, 0.3463, 0.2565)$

Have a look what the booklet for
Yxy(45.4715, 0.3463, 0.2565)
contains.

Yxy(45.4721, 0.3461, 0.2564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.4721, 0.3461, 0.2564)

Conversions

Conversions Part 1

Format	Color
Hex	F892D8
RGB	248, 146, 216
RGB Percent	97%, 57%, 85%
CMY	0.0275, 0.4274, 0.1530
CMYK	0.00, 0.41, 0.13, 0.03
HSL	319°, 88%, 77%
HSV	319°, 41%, 97%
XYZ	61.3802, 45.4721, 70.4959
YIQ	184.4780, 38.3220, 43.3940

Conversions

Conversions Part 2

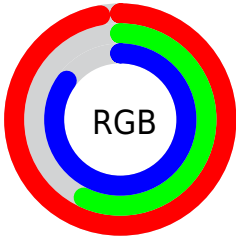
Format	Color
R _Y B	248, 146, 216
Decimal	16290520
CIE Lab	73.20, 47.69, -19.22
CIE LCh	73, 51.421, 338.046
Yxy	45.4721, 0.3461, 0.2564
Android (android.graphics.Color)	4294480600 (0xFFFF892D8)
YUV	184.4780, 15.5403, 55.7088
Hunter-Lab	67.4330, 44.4701, -14.7800

Details

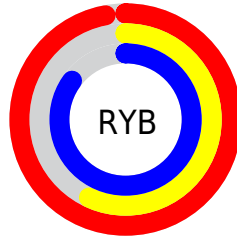
The Yxy color $45.4721, 0.3461, 0.2564$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $76.4562, 0.2906, 0.4156$, and the grayscale version is $48.1090, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.7211, 0.3151, 0.2772$, and $21.1747, 0.3546, 0.2384$ is the 20% darker color. If you saturate the color by 10%, you get $38.2460, 0.3575, 0.2399$, and if you desaturate by 10%, it is $54.3796, 0.3360, 0.2741$.

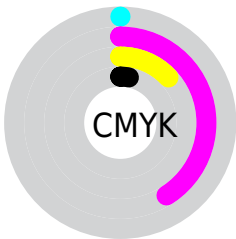
Distribution



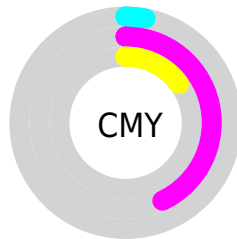
- Red (97%)
- Green (57%)
- Blue (85%)



- Red (97%)
- Yellow (57%)
- Blue (85%)



- Cyan (0%)
- Magenta (41%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4721, 0.3461, 0.2564 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 45.4721, 0.3461, 0.2564 by changing the saturation by 10% instead.


 45.4721, 0.3461,
0.2564


 45.4721, 0.3461,
0.2564


368.6822, 0.3305,
0.2905

 31.8294, 0.3497,
0.2485


 83.4284, 0.3406,
0.2683

 21.2313, 0.3542,
0.2388


 108.5108, 0.3385,
0.2729

 13.2932, 0.3598,
0.2264


138.1753, 0.3367,
0.2769

 7.6307, 0.3672,
0.2102

172.8062, 0.3351,
0.2803

 3.8596, 0.3773,
0.1883

212.7880, 0.3337,
0.2833

 1.5953, 0.3915,
0.1571

258.5050, 0.3325,

 0.3544, 0.4228,

0.2860

0.0888

310.3416, 0.3314,
0.2884

0.0000, 0.4611,
0.0000

0.0000, 0.0000,
0.0000

45.4721, 0.3461,
0.2564

45.4721, 0.3461,
0.2564

38.2460, 0.3575,
0.2399

54.3796, 0.3360,
0.2741

32.5864, 0.3699,
0.2257

65.0611, 0.3272,
0.2922

28.3741, 0.3832,
0.2149

77.6096, 0.3197,
0.3100

25.4697, 0.3969,
0.2086

92.1102, 0.3134,
0.3271

■ 23.7062, 0.4104,
0.2073

■ 98.6882, 0.3085,
0.3291

■ 22.8627, 0.4221,
0.2099

■ 98.6946, 0.3084,
0.3290

Harmonies

Analogous

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



45.4721, 0.2739, 0.2272



45.4721, 0.3461, 0.2564



45.4721, 0.4153, 0.3009

Triad

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



45.4721, 0.3461, 0.2564



45.4721, 0.4038, 0.4496



45.4721, 0.1896, 0.2785

Complementary

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



45.4721, 0.3461, 0.2564



76.4562, 0.2906, 0.4156

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.



45.4721, 0.2163, 0.3485



45.4721, 0.3461, 0.2564



45.4721, 0.3384, 0.4609

Square

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



45.4721, 0.3461, 0.2564



45.4721, 0.4477, 0.4069



45.4721, 0.2697, 0.4222



45.4721, 0.1911, 0.2346

Rectangle

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



45.4721, 0.3461, 0.2564



45.4721, 0.4457, 0.3356



45.4721, 0.2697, 0.4222



45.4721, 0.1953, 0.2995

Sweetspot

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



45.4742, 0.3461, 0.2564



81.4033, 0.3204, 0.3085



36.6404, 0.2581, 0.2089



17.0296, 0.3213, 0.3061



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.



45.4742, 0.3461, 0.2564



42.1852, 0.3550, 0.2431



43.2855, 0.3969, 0.3073



17.4264, 0.3186, 0.3129



12.3781, 0.4200, 0.2088



1.1656, 0.4052, 0.2006

Inverse Universe

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



45.4742, 0.3461, 0.2564



42.1852, 0.3550, 0.2431



78.8199, 0.2658, 0.3529



17.4264, 0.3186, 0.3129



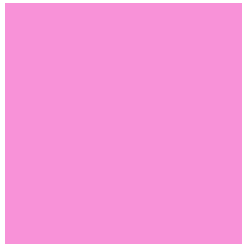
12.3781, 0.4200, 0.2088



1.1656, 0.4052, 0.2006

Previews

White Background



This preview shows how the Yxy color 45.4721, 0.3461, 0.2564 looks on a white background.

Color Contrast Check

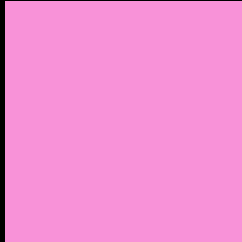
Large Text (above 18pt) WCAG AA × Fail

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 45.4721, 0.3461, 0.2564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

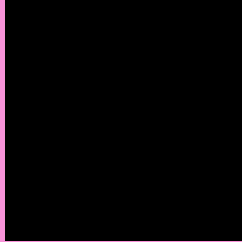
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4721, 0.3461, 0.2564

Background



This preview shows how black text looks on a background with the Yxy color 45.4721, 0.3461, 0.2564.



This preview shows how white text looks on a background with the Yxy color 45.4721, 0.3461, 0.2564.

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

45.4721, 0.3461, 0.2564

Protanopia

45.8593, 0.2582, 0.2540

Deuteranopia

45.8211, 0.2914, 0.2852



Tritanopia

45.4442, 0.3871, 0.3171

Trichromacy



Original Color

45.4721, 0.3461, 0.2564



Protanomaly

44.5113, 0.2853, 0.2524



Deuteranomaly

44.9798, 0.3101, 0.2724



Tritanomaly

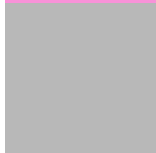
45.1924, 0.3718, 0.2933

Monochromacy



Original Color

45.4721, 0.3461, 0.2564



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.0004, 0.3240, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4721, 0.3461, 0.2564 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(248, 146, 216)` looks like.

```
.text, #text, p{  
    color:rgb(248, 146, 216)  
}
```

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(248, 146, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 146, 216) }
```

Border

The CSS property to change the border of an element to Yxy 45.4721, 0.3461, 0.2564 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(248, 146, 216) }
```

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

```
.border{ border-color:rgb(248, 146, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 146, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 146, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 146, 216);  
box-shadow:4px 4px 4px 4px rgb(248, 146,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4721, 0.3461, 0.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 146, 216) }
```

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

```
.background{ background-color: rgb(248,  
146, 216) }
```

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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