

Converting Colors

$Yxy(45.1479, 0.4181, 0.3500)$

Have a look what the booklet for
Yxy(45.1479, 0.4181, 0.3500)
contains.

Yxy(45.1820, 0.4181, 0.3501)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.1820, 0.4181, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	F49D8A
RGB	244, 157, 138
RGB Percent	96%, 62%, 54%
CMY	0.0430, 0.3843, 0.4589
CMYK	0.00, 0.36, 0.43, 0.04
HSL	11°, 83%, 75%
HSV	11°, 43%, 96%
XYZ	53.9577, 45.1820, 29.9148
YIQ	180.8470, 57.9510, 12.5350

Conversions

Conversions Part 2

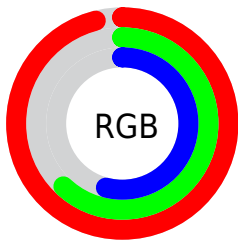
Format	Color
R_{YB}	244, 161, 138
Decimal	16031114
CIE Lab	73.01, 30.34, 23.45
CIE LCh	73, 38.343, 37.703
Yxy	45.1820, 0.4181, 0.3501
Android (android.graphics.Color)	4294221194 (0xFFFF49D8A)
YUV	180.8470, -21.1236, 55.3852
Hunter-Lab	67.2176, 25.6570, 20.6656

Details

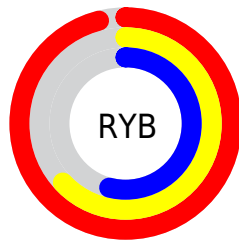
The Yxy color **45.1820, 0.4181, 0.3501** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.7913, 0.2499, 0.3060**, and the grayscale version is **46.2148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1527, 0.3601, 0.3497**, and **21.1220, 0.4482, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **38.3250, 0.4554, 0.3542**, and if you desaturate by 10%, it is **53.3129, 0.3859, 0.3452**.

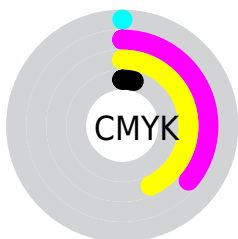
Distribution



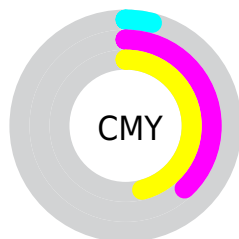
- Red (96%)
- Green (62%)
- Blue (54%)



- Red (96%)
- Yellow (63%)
- Blue (54%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1820, 0.4181, 0.3501 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 45.1820, 0.4181, 0.3501 by changing the saturation by 10% instead.

 45.1820, 0.4181,
0.3501

 45.1820, 0.4181,
0.3501


367.5102, 0.3647,
0.3418

 31.6008, 0.4315,
0.3514


 82.9935, 0.3986,
0.3476

 21.0568, 0.4486,
0.3527


 107.9925, 0.3913,
0.3465

 13.1655, 0.4711,
0.3535


 137.5663, 0.3851,
0.3455

 7.5426, 0.5019,
0.3531

172.0992, 0.3799,
0.3446

 3.8037, 0.5458,
0.3491

211.9757, 0.3753,
0.3438

 1.5644, 0.6458,
0.3542

257.5801, 0.3713,

 0.3334, 0.7635,

0.3431

0.2365

309.2968, 0.3678,
0.3424

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.1820, 0.4181,
0.3501

■ 45.1820, 0.4181,
0.3501

■ 38.3250, 0.4554,
0.3542

■ 53.3129, 0.3859,
0.3452

■ 32.6705, 0.4968,
0.3569

■ 62.7712, 0.3590,
0.3402

■ 28.1499, 0.5395,
0.3571

■ 73.6154, 0.3366,
0.3352

■ 24.6850, 0.5788,
0.3541

■ 85.8984, 0.3183,
0.3305

■ 22.1871, 0.6094,
0.3479

■ 97.9773, 0.3060,
0.3290

■ 21.0203, 0.6236,
0.3431

Harmonies

Analogous

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



45.1820, 0.3889, 0.3082



45.1820, 0.4181, 0.3501



45.1820, 0.4155, 0.3910

Triad

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



45.1820, 0.4181, 0.3501



45.1820, 0.2821, 0.3971



45.1820, 0.2411, 0.2437

Complementary

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



45.1820, 0.4181, 0.3501



65.7913, 0.2499, 0.3060

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.



45.1820, 0.2182, 0.2578



45.1820, 0.4181, 0.3501



45.1820, 0.2399, 0.3452

Square

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



45.1820, 0.4181, 0.3501



45.1820, 0.3349, 0.4257



45.1820, 0.2177, 0.2932



45.1820, 0.2835, 0.2496

Rectangle

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



45.1820, 0.4181, 0.3501



45.1820, 0.3972, 0.4129



45.1820, 0.2177, 0.2932



45.1820, 0.2311, 0.2461

Sweetspot

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



45.1842, 0.4181, 0.3501



81.8992, 0.3358, 0.3350



42.9196, 0.3336, 0.2379



16.9302, 0.3403, 0.3361



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.



45.1842, 0.4181, 0.3501



43.2867, 0.4502, 0.3538



66.5143, 0.3926, 0.4041



16.9629, 0.3289, 0.3333



11.5666, 0.6213, 0.3448



1.1475, 0.5992, 0.3624

Inverse Universe

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



65.7913, 0.2499, 0.3060



68.6649, 0.2398, 0.3006



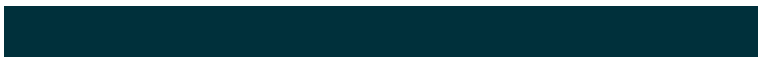
41.9487, 0.2386, 0.2393



18.2228, 0.2980, 0.3247



26.2601, 0.2085, 0.2706



2.4371, 0.2108, 0.2787

Previews

White Background



This preview shows how the Yxy color 45.1820, 0.4181, 0.3501 looks on a white background.

Color Contrast Check

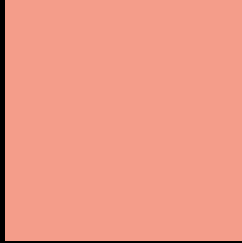
Large Text (above 18pt) WCAG AA × Fail

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 45.1820, 0.4181, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

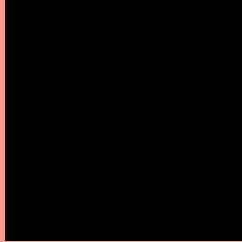
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1820, 0.4181, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 45.1820, 0.4181, 0.3501.



This preview shows how white text looks on a background with the Yxy color 45.1820, 0.4181, 0.3501.

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

45.1820, 0.4181, 0.3501

Protanopia

45.3255, 0.3485, 0.3699

Deuteranopia

45.2514, 0.3833, 0.3748



Tritanopia

45.0919, 0.3940, 0.3162

Trichromacy



Original Color

45.1820, 0.4181, 0.3501

Protanomaly

44.8411, 0.3735, 0.3627

Deuteranomaly

45.2623, 0.3961, 0.3659

Tritanomaly

44.8902, 0.4030, 0.3282

Monochromacy



Original Color

45.1820, 0.4181, 0.3501

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0590, 0.3483, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1820, 0.4181, 0.3501 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(244, 157, 138)` looks like.

```
.text, #text, p{  
    color:rgb(244, 157, 138)  
}
```

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(244, 157, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 157, 138) }
```

Border

The CSS property to change the border of an element to Yxy 45.1820, 0.4181, 0.3501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

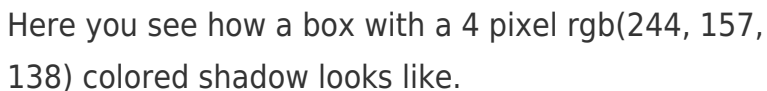
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 157, 138) }
```

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

```
.border{ border-color:rgb(244, 157, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(244, 157, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 157, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 157, 138);  
box-shadow:4px 4px 4px 4px rgb(244, 157,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1820, 0.4181, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 157, 138) }
```

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

```
.background{ background-color: rgb(244,  
157, 138) }
```

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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