

Converting Colors

$Y_{xy}(45.7283, 0.4101, 0.3347)$

Have a look what the booklet for
Yxy(45.7283, 0.4101, 0.3347)
contains.

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Color

Yxy(45.6012, 0.4106, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	F89B96
RGB	248, 155, 150
RGB Percent	97%, 61%, 59%
CMY	0.0274, 0.3922, 0.4118
CMYK	0.00, 0.38, 0.40, 0.03
HSL	3°, 88%, 78%
HSV	3°, 40%, 97%
XYZ	55.9422, 45.6012, 34.7016
YIQ	182.2370, 57.0330, 18.1610

Conversions

Conversions Part 2

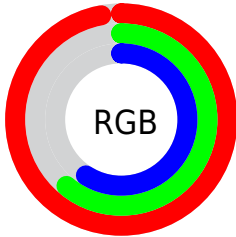
Format	Color
R_{YB}	248, 155, 150
Decimal	16292758
CIE _{Lab}	73.29, 34.17, 17.33
CIE _{LCh}	73, 38.311, 26.891
Yxy	45.6012, 0.4106, 0.3347
Android (android.graphics.Color)	4294482838 (0xFFFF89B96)
YUV	182.2370, -15.8928, 57.6742
Hunter-Lab	67.5287, 29.6981, 16.8021

Details

The Yxy color **45.6012, 0.4106, 0.3347** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.3686, 0.2571, 0.3231**, and the grayscale version is **46.9807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7128, 0.3515, 0.3353**, and **21.2224, 0.4398, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **37.8027, 0.4498, 0.3360**, and if you desaturate by 10%, it is **55.0997, 0.3777, 0.3332**.

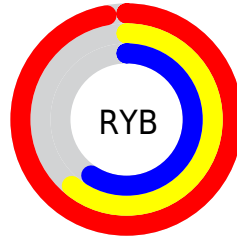
Distribution



Red (97%)

Green (61%)

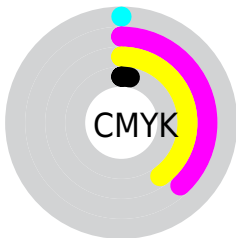
Blue (59%)



Red (97%)

Yellow (61%)

Blue (59%)

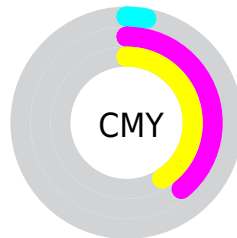


Cyan (0%)

Magenta (38%)

Yellow (40%)

Black (3%)



Cyan (3%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6012, 0.4106, 0.3347 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 45.6012, 0.4106, 0.3347 by changing the saturation by 10% instead.


 45.6012, 0.4106,
0.3347

 45.6012, 0.4106,
0.3347


369.2030, 0.3610,
0.3336

 31.9312, 0.4231,
0.3344


 83.6218, 0.3925,
0.3347

 21.3090, 0.4391,
0.3338


 108.7413, 0.3857,
0.3346

 13.3500, 0.4603,
0.3324


138.4461, 0.3800,
0.3344

 7.6700, 0.4897,
0.3294

173.1205, 0.3751,
0.3342

 3.8845, 0.5324,
0.3227

213.1490, 0.3708,
0.3341

 1.6092, 0.6108,
0.3132

258.9160, 0.3671,

 0.3638, 0.7713,

0.3339

0.2287

310.8059, 0.3639,
0.3337

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.6012, 0.4106,
0.3347

45.6012, 0.4106,
0.3347

37.8027, 0.4498,
0.3360

55.0997, 0.3777,
0.3332

31.5976, 0.4946,
0.3369

66.3832, 0.3509,
0.3317

26.8781, 0.5417,
0.3370

79.5390, 0.3293,
0.3303

23.5197, 0.5855,
0.3361

94.6467, 0.3120,
0.3289

■ 21.3781, 0.6187,
0.3342

■ 98.7001, 0.3084,
0.3290

■ 20.2712, 0.6369,
0.3321

■ 20.2398, 0.6375,
0.3320

Harmonies

Analogous

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



45.6012, 0.3719, 0.2944



45.6012, 0.4106, 0.3347



45.6012, 0.4198, 0.3768

Triad

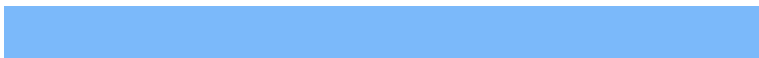
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.6012, 0.4106, 0.3347



45.6012, 0.3007, 0.4108



45.6012, 0.2307, 0.2467

Complementary

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



45.6012, 0.4106, 0.3347



77.3686, 0.2571, 0.3231

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.



45.6012, 0.2157, 0.2684



45.6012, 0.4106, 0.3347



45.6012, 0.2534, 0.3650

Square

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



45.6012, 0.4106, 0.3347



45.6012, 0.3537, 0.4272



45.6012, 0.2234, 0.3107



45.6012, 0.2664, 0.2456

Rectangle

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



45.6012, 0.4106, 0.3347



45.6012, 0.4082, 0.4016



45.6012, 0.2234, 0.3107



45.6012, 0.2232, 0.2515

Sweetspot

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



45.6035, 0.4106, 0.3347



81.0366, 0.3343, 0.3306



48.2469, 0.3214, 0.2356



16.9423, 0.3370, 0.3308



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.



45.6035, 0.4106, 0.3347



42.1445, 0.4396, 0.3357



65.3024, 0.3891, 0.3862



17.3674, 0.3293, 0.3303



10.9898, 0.6365, 0.3328



1.0664, 0.6278, 0.3397

Inverse Universe

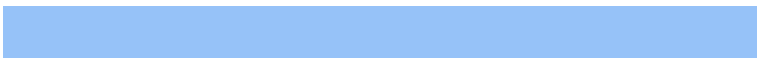
The Inverse Universe completely reimagines the original color for something new.



77.3686, 0.2571, 0.3231



80.0574, 0.2488, 0.3218



51.8903, 0.2479, 0.2634



19.4475, 0.2980, 0.3277



35.9239, 0.2203, 0.3130



3.3725, 0.2208, 0.3150

Previews

White Background



This preview shows how the Yxy color 45.6012, 0.4106, 0.3347 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 45.6012, 0.4106, 0.3347 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 45.6012, 0.4106, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 45.6012, 0.4106, 0.3347.



This preview shows how white text looks on a background with the Yxy color 45.6012, 0.4106, 0.3347.

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

45.6012, 0.4106, 0.3347

Protanopia

45.9425, 0.3345, 0.3527

Deuteranopia

45.5490, 0.3691, 0.3615



Tritanopia

45.6025, 0.3978, 0.3174

Trichromacy



Original Color

45.6012, 0.4106, 0.3347

Protanomaly

45.2961, 0.3606, 0.3452

Deuteranomaly

45.0985, 0.3842, 0.3506

Tritanomaly

45.7541, 0.4026, 0.3239

Monochromacy



Original Color

45.6012, 0.4106, 0.3347

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.5291, 0.3457, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6012, 0.4106, 0.3347 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, 155, 150)` looks like.

```
.text, #text, p{  
    color:rgb(248, 155, 150)  
}
```

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, 155, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 155, 150) }
```

Border

The CSS property to change the border of an element to Yxy 45.6012, 0.4106, 0.3347 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, 155, 150) }
```

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

```
.border{ border-color:rgb(248, 155, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 155, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 155, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 155, 150);  
box-shadow:4px 4px 4px 4px rgb(248, 155,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6012, 0.4106, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 155, 150) }
```

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

```
.background{ background-color: rgb(248,  
155, 150) }
```

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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