

Converting Colors

$Y_{xy}(45.3360, 0.4036, 0.3115)$

Have a look what the booklet for
Yxy(45.3360, 0.4036, 0.3115)
contains.

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Color

Yxy(45.4715, 0.4039, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	FF95A5
RGB	255, 149, 165
RGB Percent	100%, 58%, 65%
CMY	0.0001, 0.4156, 0.3530
CMYK	0.00, 0.42, 0.35, 0.00
HSL	351°, 100%, 79%
HSV	351°, 42%, 100%
XYZ	58.7710, 45.4715, 41.2663
YIQ	182.5180, 58.0400, 27.4480

Conversions

Conversions Part 2

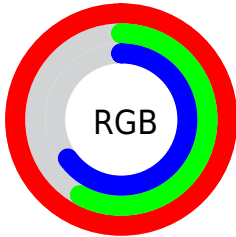
Format	Color
R _Y B	255, 149, 165
Decimal	16749989
CIE Lab	73.20, 41.48, 9.06
CIE LCh	73, 42.459, 12.320
Yxy	45.4715, 0.4039, 0.3125
Android (android.graphics.Color)	4294940069 (0xFFFF95A5)
YUV	182.5180, -8.6364, 63.5667
Hunter-Lab	67.4326, 37.5651, 10.9194

Details

The Yxy color **45.4715, 0.4039, 0.3125** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.1301, 0.2629, 0.3470**, and the grayscale version is **47.1024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0900, 0.3403, 0.3139**, and **21.2938, 0.4314, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **37.5452, 0.4394, 0.3091**, and if you desaturate by 10%, it is **55.3018, 0.3743, 0.3165**.

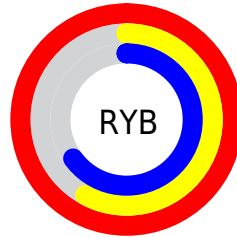
Distribution



Red (100%)

Green (58%)

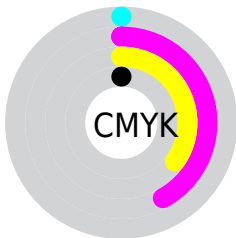
Blue (65%)



Red (100%)

Yellow (58%)

Blue (65%)

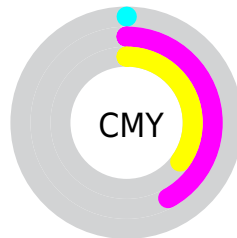


Cyan (0%)

Magenta (42%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4715, 0.4039, 0.3125 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 45.4715, 0.4039, 0.3125 by changing the saturation by 10% instead.


 45.4715, 0.4039,
0.3125


 45.4715, 0.4039,
0.3125


368.6798, 0.3578,
0.3218

 31.8290, 0.4155,
0.3099


 83.4275, 0.3871,
0.3161

 21.2309, 0.4304,
0.3064


 108.5098, 0.3808,
0.3174

 13.2929, 0.4502,
0.3015


138.1740, 0.3755,
0.3184

 7.6305, 0.4777,
0.2941

172.8048, 0.3709,
0.3193

 3.8595, 0.5182,
0.2822

212.7863, 0.3670,
0.3201

 1.5953, 0.5826,
0.2608

258.5031, 0.3635,

 0.3544, 0.8045,

0.3207

0.1955

310.3394, 0.3605,
0.3213

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.4715, 0.4039,
0.3125

45.4715, 0.4039,
0.3125

37.5452, 0.4394,
0.3091

55.3018, 0.3743,
0.3165

31.3930, 0.4801,
0.3070

67.1414, 0.3501,
0.3206

26.8794, 0.5238,
0.3069

81.0962, 0.3306,
0.3246

23.8463, 0.5663,
0.3095

97.2624, 0.3149,
0.3284

■ 22.1041, 0.6016,
0.3148

99.9956, 0.3127,
0.3290

■ 21.3981, 0.6226,
0.3204

Harmonies

Analogous

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



45.4715, 0.3497, 0.2725



45.4715, 0.4039, 0.3125



45.4715, 0.4311, 0.3584

Triad

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



45.4715, 0.4039, 0.3125



45.4715, 0.3274, 0.4343



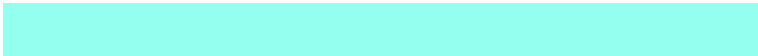
45.4715, 0.2118, 0.2468

Complementary

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



45.4715, 0.4039, 0.3125



84.1301, 0.2629, 0.3470

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.



45.4715, 0.2072, 0.2815



45.4715, 0.4039, 0.3125



45.4715, 0.2704, 0.3971

Square

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



45.4715, 0.4039, 0.3125



45.4715, 0.3832, 0.4331



45.4715, 0.2274, 0.3370



45.4715, 0.2399, 0.2354

Rectangle

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



45.4715, 0.4039, 0.3125



45.4715, 0.4291, 0.3885



45.4715, 0.2274, 0.3370



45.4715, 0.2076, 0.2557

Sweetspot

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



45.4738, 0.4039, 0.3125



80.4442, 0.3313, 0.3245



46.7801, 0.3027, 0.2219



16.8044, 0.3337, 0.3240



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.



45.4738, 0.4039, 0.3125



38.6654, 0.4335, 0.3096



57.8491, 0.4043, 0.3662



18.0316, 0.3271, 0.3254



11.1965, 0.6197, 0.3187



1.1027, 0.5927, 0.3039

Inverse Universe

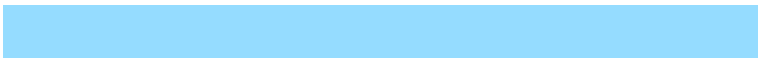
The Inverse Universe completely reimagines the original color for something new.



45.4738, 0.4039, 0.3125



38.6654, 0.4335, 0.3096



64.6178, 0.2490, 0.2876



18.0316, 0.3271, 0.3254



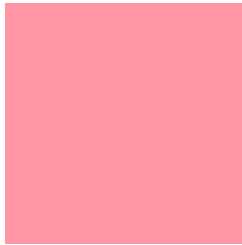
11.1965, 0.6197, 0.3187



1.1027, 0.5927, 0.3039

Previews

White Background



This preview shows how the Yxy color 45.4715, 0.4039, 0.3125 looks on a white background.

Color Contrast Check

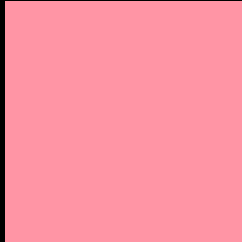
Large Text (above 18pt) WCAG AA × Fail

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 45.4715, 0.4039, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

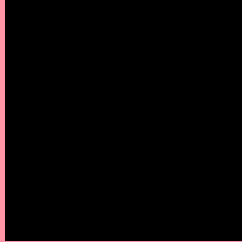
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4715, 0.4039, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 45.4715, 0.4039, 0.3125.



This preview shows how white text looks on a background with the Yxy color 45.4715, 0.4039, 0.3125.

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

45.4715, 0.4039, 0.3125

Protanopia

45.6849, 0.3138, 0.3251

Deuteranopia

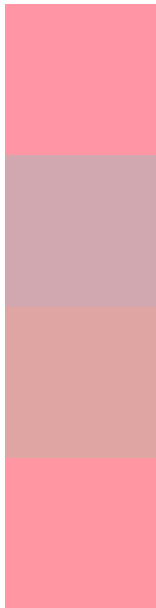
45.8244, 0.3523, 0.3454



Tritanopia

45.6459, 0.4077, 0.3177

Trichromacy



Original Color

45.4715, 0.4039, 0.3125

Protanomaly

44.6952, 0.3438, 0.3193

Deuteranomaly

45.2069, 0.3710, 0.3327

Tritanomaly

45.6813, 0.4067, 0.3167

Monochromacy



Original Color

45.4715, 0.4039, 0.3125

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.8157, 0.3433, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4715, 0.4039, 0.3125 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(255, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 165)  
}
```

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(255, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 165) }
```

Border

The CSS property to change the border of an element to Yxy 45.4715, 0.4039, 0.3125 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(255, 149, 165) }
```

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

```
.border{ border-color:rgb(255, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4715, 0.4039, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 165) }
```

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

```
.background{ background-color: rgb(255,  
149, 165) }
```

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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