

Converting Colors

$Y_{xy}(44.6673, 0.4069, 0.3359)$

Have a look what the booklet for
Yxy(44.6673, 0.4069, 0.3359)
contains.

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Color

Yxy(44.6673, 0.4069, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	F39B95
RGB	243, 155, 149
RGB Percent	95%, 61%, 58%
CMY	0.0470, 0.3921, 0.4157
CMYK	0.00, 0.36, 0.39, 0.05
HSL	4°, 80%, 77%
HSV	4°, 39%, 95%
XYZ	54.1087, 44.6673, 34.2019
YIQ	180.6280, 54.3740, 16.7900

Conversions

Conversions Part 2

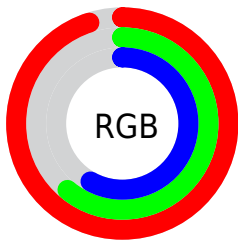
Format	Color
R _Y B	243, 155, 149
Decimal	15965077
CIE Lab	72.67, 32.19, 16.93
CIE LCh	73, 36.366, 27.743
Yxy	44.6673, 0.4069, 0.3359
Android (android.graphics.Color)	4294155157 (0xFFFF39B95)
YUV	180.6280, -15.5926, 54.7002
Hunter-Lab	66.8336, 27.5555, 16.4420

Details

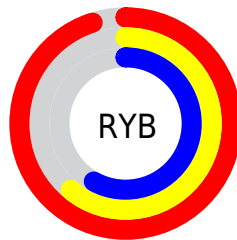
The Yxy color **44.6673, 0.4069, 0.3359** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.4257, 0.2580, 0.3218**, and the grayscale version is **46.0621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6650, 0.3522, 0.3363**, and **20.7727, 0.4344, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **37.1008, 0.4452, 0.3375**, and if you desaturate by 10%, it is **53.8262, 0.3749, 0.3341**.

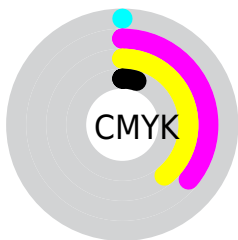
Distribution



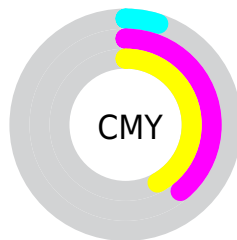
- Red (95%)
- Green (61%)
- Blue (58%)



- Red (95%)
- Yellow (61%)
- Blue (58%)



- Cyan (0%)
- Magenta (36%)
- Yellow (39%)
- Black (5%)



- Cyan (5%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6673, 0.4069, 0.3359 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 44.6673, 0.4069, 0.3359 by changing the saturation by 10% instead.

 44.6673, 0.4069,
0.3359


 44.6673, 0.4069,
0.3359


365.4244, 0.3590,
0.3340

 31.1955, 0.4190,
0.3358


 82.2209, 0.3894,
0.3356

 20.7477, 0.4346,
0.3355


 107.0715, 0.3828,
0.3354

 12.9397, 0.4553,
0.3344


136.4838, 0.3773,
0.3351

 7.3871, 0.4842,
0.3320

170.8421, 0.3726,
0.3349

 3.7053, 0.5264,
0.3261

210.5310, 0.3685,
0.3347

 1.5101, 0.6079,
0.3194

255.9347, 0.3649,

 0.2958, 0.7861,

0.3344

0.2139

307.4378, 0.3618,
0.3342

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.6673, 0.4069,
0.3359

44.6673, 0.4069,
0.3359

37.1008, 0.4452,
0.3375

53.8262, 0.3749,
0.3341

31.0296, 0.4890,
0.3387

64.6543, 0.3488,
0.3322

26.3565, 0.5357,
0.3389

77.2310, 0.3277,
0.3304

22.9699, 0.5799,
0.3380

91.6291, 0.3107,
0.3288

■ 20.7412, 0.6146,
0.3357

■ 97.7951, 0.3054,
0.3290

■ 19.5119, 0.6347,
0.3329

■ 19.4120, 0.6366,
0.3327

Harmonies

Analogous

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



44.6673, 0.3706, 0.2969



44.6673, 0.4069, 0.3359



44.6673, 0.4149, 0.3762

Triad

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



44.6673, 0.4069, 0.3359



44.6673, 0.3000, 0.4059



44.6673, 0.2347, 0.2497

Complementary

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



44.6673, 0.4069, 0.3359



73.4257, 0.2580, 0.3218

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.



44.6673, 0.2197, 0.2703



44.6673, 0.4069, 0.3359



44.6673, 0.2549, 0.3619

Square

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



44.6673, 0.4069, 0.3359



44.6673, 0.3508, 0.4228



44.6673, 0.2266, 0.3104



44.6673, 0.2697, 0.2491

Rectangle

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



44.6673, 0.4069, 0.3359



44.6673, 0.4034, 0.3997



44.6673, 0.2266, 0.3104



44.6673, 0.2274, 0.2543

Sweetspot

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



44.6695, 0.4069, 0.3359



81.2499, 0.3342, 0.3310



46.7400, 0.3212, 0.2376



16.9920, 0.3369, 0.3312



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.



44.6695, 0.4069, 0.3359



43.3974, 0.4348, 0.3372



62.8586, 0.3871, 0.3849



16.6524, 0.3292, 0.3306



10.7184, 0.6355, 0.3336



1.0005, 0.6243, 0.3425

Inverse Universe

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



73.4257, 0.2580, 0.3218



79.4273, 0.2496, 0.3203



50.2530, 0.2494, 0.2652



18.5657, 0.2981, 0.3274



33.9213, 0.2192, 0.3089



3.0352, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 44.6673, 0.4069, 0.3359 looks on a white background.

Color Contrast Check

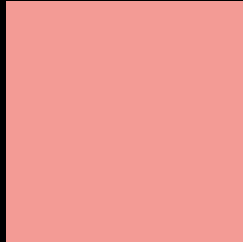
Large Text (above 18pt) WCAG AA × Fail

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 44.6673, 0.4069, 0.3359 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 44.6673, 0.4069, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 44.6673, 0.4069, 0.3359.



This preview shows how white text looks on a background with the Yxy color 44.6673, 0.4069, 0.3359.

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

44.6673, 0.4069, 0.3359

Protanopia

44.8531, 0.3339, 0.3516

Deuteranopia

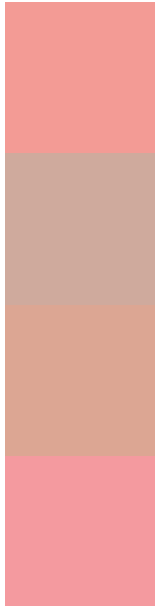
44.8458, 0.3684, 0.3618



Tritanopia

44.6959, 0.3931, 0.3172

Trichromacy



Original Color

44.6673, 0.4069, 0.3359

Protanomaly

44.4492, 0.3590, 0.3454

Deuteranomaly

44.5947, 0.3822, 0.3520

Tritanomaly

44.8475, 0.3979, 0.3238

Monochromacy



Original Color

44.6673, 0.4069, 0.3359

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.2070, 0.3447, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6673, 0.4069, 0.3359 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(243, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(243, 155, 149)  
}
```

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(243, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 155, 149) }
```

Border

The CSS property to change the border of an element to Yxy 44.6673, 0.4069, 0.3359 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(243, 155, 149) }
```

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

```
.border{ border-color:rgb(243, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(243, 155,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6673, 0.4069, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 155, 149) }
```

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

```
.background{ background-color: rgb(243,  
155, 149) }
```

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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