

Converting Colors

Yxy(39.0857, 0.4029, 0.3104)

Have a look what the booklet for
Yxy(39.0857, 0.4029, 0.3104)
contains.

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Color

Yxy(39.2163, 0.4022, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	EF8B9C
RGB	239, 139, 156
RGB Percent	94%, 55%, 61%
CMY	0.0627, 0.4549, 0.3883
CMYK	0.00, 0.42, 0.35, 0.06
HSL	350°, 76%, 74%
HSV	350°, 42%, 94%
XYZ	50.8308, 39.2163, 36.3348
YIQ	170.8380, 54.1430, 26.4870

Conversions

Conversions Part 2

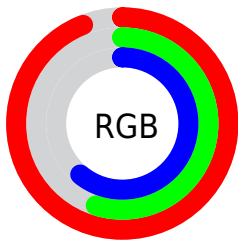
Format	Color
R _Y B	239, 139, 156
Decimal	15698844
CIE _{Lab}	68.91, 39.87, 7.67
CIE _{LCh}	69, 40.600, 10.888
Yxy	39.2163, 0.4022, 0.3103
Android (android.graphics.Color)	4293888924 (0xFFEF8B9C)
YUV	170.8380, -7.3151, 59.7781
Hunter-Lab	62.6229, 35.2977, 9.4351

Details

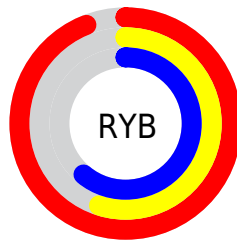
The Yxy color **39.2163, 0.4022, 0.3103** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.5026, 0.2637, 0.3495**, and the grayscale version is **40.6569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4967, 0.3498, 0.3127**, and **17.5396, 0.4290, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **32.4187, 0.4367, 0.3065**, and if you desaturate by 10%, it is **47.6404, 0.3733, 0.3148**.

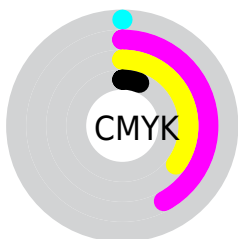
Distribution



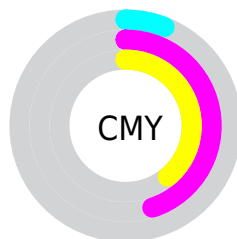
- Red (94%)
- Green (55%)
- Blue (61%)



- Red (94%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (42%)
- Yellow (35%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2163, 0.4022, 0.3103 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 39.2163, 0.4022, 0.3103 by changing the saturation by 10% instead.


 39.2163, 0.4022,
0.3103


 39.2163, 0.4022,
0.3103


342.8092, 0.3559,
0.3208


 26.9280, 0.4142,
0.3073


 73.9686, 0.3850,
0.3144

 17.5192, 0.4299,
0.3033


 97.2015, 0.3787,
0.3158

 10.6053, 0.4511,
0.2975


 124.8513, 0.3734,
0.3170

 5.8021, 0.4813,
0.2887

157.3026, 0.3688,
0.3180

 2.7251, 0.5275,
0.2742

194.9396, 0.3649,
0.3189

 0.9900, 0.6137,
0.2504

238.1468, 0.3615,


 0.0000, 1.0000,


0.3196


0.0000

287.3085, 0.3585,
0.3202

 0.0000, 0.0000,
0.0000


 39.2163, 0.4022,
0.3103


 39.2163, 0.4022,
0.3103

 32.4187, 0.4367,
0.3065


 47.6404, 0.3733,
0.3148


 27.1368, 0.4764,
0.3040


 57.7808, 0.3497,
0.3194


 23.2553, 0.5191,
0.3037

 69.7276, 0.3306,
0.3240

 20.6395, 0.5610,
0.3063

 83.5628, 0.3152,
0.3282

 19.1281, 0.5966,
0.3120

 97.0922, 0.3029,
0.3290

■ 18.5093, 0.6180,
0.3178

Harmonies

Analogous

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



39.2163, 0.3469, 0.2706



39.2163, 0.4022, 0.3103



39.2163, 0.4311, 0.3562

Triad

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



39.2163, 0.4022, 0.3103



39.2163, 0.3302, 0.4356



39.2163, 0.2106, 0.2476

Complementary

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



39.2163, 0.4022, 0.3103



72.5026, 0.2637, 0.3495

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.



39.2163, 0.2072, 0.2835



39.2163, 0.4022, 0.3103



39.2163, 0.2727, 0.4000

Square

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



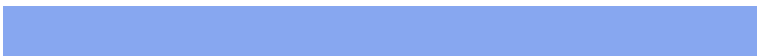
39.2163, 0.4022, 0.3103



39.2163, 0.3859, 0.4326



39.2163, 0.2286, 0.3400



39.2163, 0.2378, 0.2351

Rectangle

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



39.2163, 0.4022, 0.3103



39.2163, 0.4302, 0.3866



39.2163, 0.2286, 0.3400



39.2163, 0.2067, 0.2569

Sweetspot

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



39.2182, 0.4022, 0.3103



78.9954, 0.3327, 0.3234



40.0199, 0.3012, 0.2210



16.2249, 0.3367, 0.3225



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.



39.2182, 0.4022, 0.3103



38.7428, 0.4306, 0.3070



49.2184, 0.4056, 0.3645



15.8026, 0.3267, 0.3250



10.2409, 0.6149, 0.3161



0.8645, 0.5814, 0.2976

Inverse Universe

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



39.2182, 0.4022, 0.3103



38.7428, 0.4306, 0.3070



56.5125, 0.2492, 0.2896



15.8026, 0.3267, 0.3250



10.2409, 0.6149, 0.3161



0.8645, 0.5814, 0.2976

Previews

White Background



This preview shows how the Yxy color 39.2163, 0.4022, 0.3103 looks on a white background.

Color Contrast Check

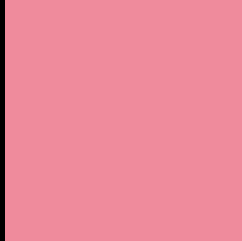
Large Text (above 18pt) WCAG AA × Fail

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 39.2163, 0.4022, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

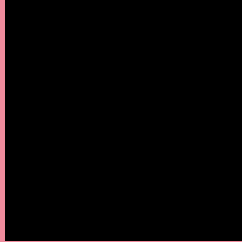
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2163, 0.4022, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 39.2163, 0.4022, 0.3103.



This preview shows how white text looks on a background with the Yxy color 39.2163, 0.4022, 0.3103.

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

39.2163, 0.4022, 0.3103

Protanopia

39.6417, 0.3121, 0.3235

Deuteranopia

39.5378, 0.3500, 0.3438



Tritanopia

39.1353, 0.4075, 0.3181

Trichromacy



Original Color

39.2163, 0.4022, 0.3103

Protanomaly

38.6029, 0.3429, 0.3174

Deuteranomaly

38.8210, 0.3687, 0.3304

Tritanomaly

39.2003, 0.4053, 0.3158

Monochromacy



Original Color

39.2163, 0.4022, 0.3103

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.2852, 0.3425, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2163, 0.4022, 0.3103 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(239, 139, 156)` looks like.

```
.text, #text, p{  
    color:rgb(239, 139, 156)  
}
```

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(239, 139, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 139, 156) }
```

Border

The CSS property to change the border of an element to Yxy 39.2163, 0.4022, 0.3103 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(239, 139, 156) }
```

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

```
.border{ border-color:rgb(239, 139, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 139, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 139, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 139, 156); box-shadow:4px 4px 4px 4px rgb(239, 139, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2163, 0.4022, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 139, 156) }
```

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

```
.background{ background-color: rgb(239,  
139, 156) }
```

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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