

Converting Colors

$Y_{xy}(39.2804, 0.4074, 0.3212)$

Have a look what the booklet for
Yxy(39.2804, 0.4074, 0.3212)
contains.

Yxy(39.2242, 0.4072, 0.3203)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2242, 0.4072, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	ED8D95
RGB	237, 141, 149
RGB Percent	93%, 55%, 58%
CMY	0.0707, 0.4470, 0.4157
CMYK	0.00, 0.40, 0.37, 0.07
HSL	355°, 73%, 74%
HSV	355°, 40%, 93%
XYZ	49.8660, 39.2242, 33.3706
YIQ	170.6160, 54.6480, 22.8400

Conversions

Conversions Part 2

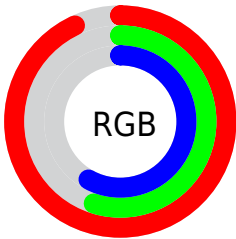
Format	Color
R _Y B	237, 141, 149
Decimal	15568277
CIE Lab	68.91, 37.26, 11.56
CIE LCh	69, 39.012, 17.234
Yxy	39.2242, 0.4072, 0.3203
Android (android.graphics.Color)	4293758357 (0xFFED8D95)
YUV	170.6160, -10.6567, 58.2188
Hunter-Lab	62.6292, 32.5224, 12.2491

Details

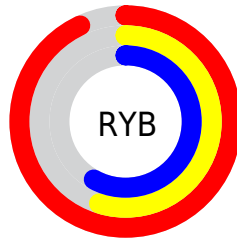
The Yxy color **39.2242, 0.4072, 0.3203** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.8728, 0.2609, 0.3384**, and the grayscale version is **40.5576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0517, 0.3551, 0.3219**, and **17.4916, 0.4366, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **32.3376, 0.4448, 0.3185**, and if you desaturate by 10%, it is **47.7391, 0.3758, 0.3224**.

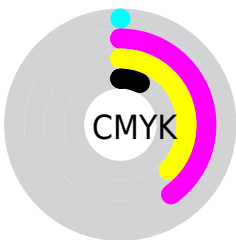
Distribution



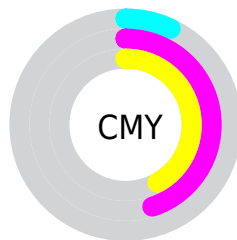
- Red (93%)
- Green (55%)
- Blue (58%)



- Red (93%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (7%)




- Cyan (7%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2242, 0.4072, 0.3203 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 39.2242, 0.4072, 0.3203 by changing the saturation by 10% instead.


 39.2242, 0.4072,
0.3203


 39.2242, 0.4072,
0.3203


342.8428, 0.3582,
0.3261


 26.9342, 0.4199,
0.3184


 73.9807, 0.3890,
0.3227

 17.5238, 0.4365,
0.3156


 97.2160, 0.3823,
0.3236

 10.6086, 0.4590,
0.3115


 124.8684, 0.3766,
0.3242

 5.8043, 0.4911,
0.3047

157.3225, 0.3718,
0.3247

 2.7265, 0.5397,
0.2924

194.9626, 0.3677,
0.3251

 0.9907, 0.6467,
0.2784

238.1731, 0.3641,

 0.0000, 1.0000,

0.3255


0.0000


287.3383, 0.3610,
0.3258


 0.0000, 0.0000,
0.0000


 39.2242, 0.4072,
0.3203

 39.2242, 0.4072,
0.3203


 32.3376, 0.4448,
0.3185


 47.7391, 0.3758,
0.3224


 26.9701, 0.4880,
0.3174

 57.9710, 0.3503,
0.3247


 23.0083, 0.5341,
0.3176

 70.0087, 0.3298,
0.3269

 20.3203, 0.5778,
0.3193

 83.9337, 0.3134,
0.3289

 18.7494, 0.6124,
0.3225

 96.7391, 0.3017,
0.3290

■ 18.0484, 0.6328,
0.3260

Harmonies

Analogous

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



39.2242, 0.3580, 0.2800



39.2242, 0.4072, 0.3203



39.2242, 0.4280, 0.3651

Triad

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



39.2242, 0.4072, 0.3203



39.2242, 0.3177, 0.4269



39.2242, 0.2178, 0.2462

Complementary

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



39.2242, 0.4072, 0.3203



71.8728, 0.2609, 0.3384

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.



39.2242, 0.2096, 0.2763



39.2242, 0.4072, 0.3203



39.2242, 0.2639, 0.3859

Square

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



39.2242, 0.4072, 0.3203



39.2242, 0.3730, 0.4321



39.2242, 0.2253, 0.3272



39.2242, 0.2488, 0.2385

Rectangle

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



39.2242, 0.4072, 0.3203



39.2242, 0.4224, 0.3937



39.2242, 0.2253, 0.3272



39.2242, 0.2125, 0.2536

Sweetspot

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



39.2261, 0.4072, 0.3203



80.3293, 0.3328, 0.3265



41.8237, 0.3102, 0.2272



16.7776, 0.3353, 0.3262



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.



39.2261, 0.4072, 0.3203



39.1443, 0.4396, 0.3187



52.9717, 0.3970, 0.3739



15.0743, 0.3280, 0.3271



9.8644, 0.6308, 0.3249



0.7816, 0.6083, 0.3125

Inverse Universe

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



39.2261, 0.4072, 0.3203



39.1443, 0.4396, 0.3187



51.7068, 0.2491, 0.2786



15.0743, 0.3280, 0.3271



9.8644, 0.6308, 0.3249



0.7816, 0.6083, 0.3125

Previews

White Background



This preview shows how the Yxy color 39.2242, 0.4072, 0.3203 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 39.2242, 0.4072, 0.3203 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 39.2242, 0.4072, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 39.2242, 0.4072, 0.3203.



This preview shows how white text looks on a background with the Yxy color 39.2242, 0.4072, 0.3203.

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

39.2242, 0.4072, 0.3203

Protanopia

39.5338, 0.3216, 0.3360

Deuteranopia

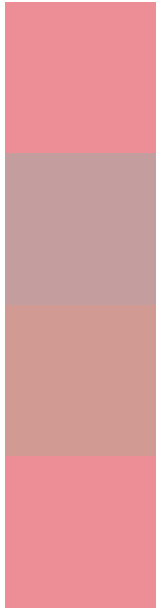
39.2225, 0.3590, 0.3518



Tritanopia

39.2886, 0.4050, 0.3180

Trichromacy



Original Color

39.2242, 0.4072, 0.3203

Protanomaly

38.6581, 0.3504, 0.3291

Deuteranomaly

38.7418, 0.3769, 0.3393

Tritanomaly

39.2563, 0.4061, 0.3191

Monochromacy



Original Color

39.2242, 0.4072, 0.3203

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.3881, 0.3442, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2242, 0.4072, 0.3203 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(237, 141, 149)` looks like.

```
.text, #text, p{  
    color:rgb(237, 141, 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(237, 141, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 141, 149) }
```

Border

The CSS property to change the border of an element to Yxy 39.2242, 0.4072, 0.3203 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(237, 141, 149) }
```

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

```
.border{ border-color:rgb(237, 141, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 141, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 141, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 141, 149);  
box-shadow:4px 4px 4px 4px rgb(237, 141,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2242, 0.4072, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 141, 149) }
```

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

```
.background{ background-color: rgb(237,  
141, 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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