

Converting Colors

$Yxy(39.0371, 0.3969, 0.3312)$

Have a look what the booklet for
Yxy(39.0371, 0.3969, 0.3312)
contains.

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Color

Yxy(38.9193, 0.3970, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	E19391
RGB	225, 147, 145
RGB Percent	88%, 58%, 57%
CMY	0.1177, 0.4235, 0.4313
CMYK	0.00, 0.35, 0.36, 0.12
HSL	1°, 57%, 73%
HSV	1°, 36%, 88%
XYZ	46.5952, 38.9193, 31.8537
YIQ	170.0940, 47.1300, 15.9140

Conversions

Conversions Part 2

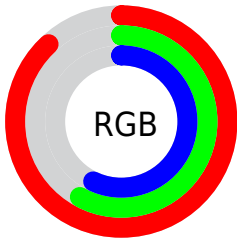
Format	Color
R _Y B	225, 147, 145
Decimal	14783377
CIE Lab	68.69, 29.19, 13.25
CIE LCh	69, 32.062, 24.416
Yxy	38.9193, 0.3970, 0.3316
Android (android.graphics.Color)	4292973457 (0xFFE19391)
YUV	170.0940, -12.3713, 48.1526
Hunter-Lab	62.3853, 24.1461, 13.3965

Details

The Yxy color **38.9193, 0.3970, 0.3316** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.2366, 0.2625, 0.3264**, and the grayscale version is **40.2947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6246, 0.3570, 0.3322**, and **17.3355, 0.4238, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **32.1086, 0.4341, 0.3323**, and if you desaturate by 10%, it is **47.1725, 0.3664, 0.3308**.

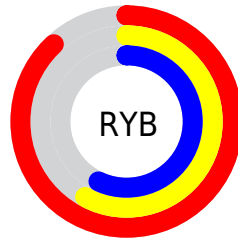
Distribution



Red (88%)

Green (58%)

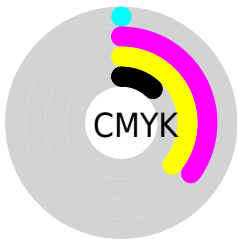
Blue (57%)



Red (88%)

Yellow (58%)

Blue (57%)

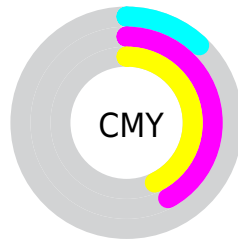


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (42%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9193, 0.3970, 0.3316 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 38.9193, 0.3970, 0.3316 by changing the saturation by 10% instead.


 38.9193, 0.3970,
0.3316

 38.9193, 0.3970,
0.3316


341.5473, 0.3532,
0.3315

 26.6970, 0.4084,
0.3312


 73.5150, 0.3807,
0.3319

 17.3458, 0.4234,
0.3304


 96.6572, 0.3747,
0.3319

 10.4813, 0.4437,
0.3289


124.2081, 0.3696,
0.3318

 5.7192, 0.4728,
0.3258

156.5521, 0.3654,
0.3318

 2.6751, 0.5174,
0.3188

194.0736, 0.3617,
0.3317

 0.9646, 0.6360,
0.3234

237.1571, 0.3585,


 0.0000, 1.0000,


0.3316


0.0000


286.1868, 0.3556,
0.3316


 0.0000, 0.0000,
0.0000

 38.9193, 0.3970,
0.3316


 38.9193, 0.3970,
0.3316


 32.1086, 0.4341,
0.3323

 47.1725, 0.3664,
0.3308


 26.6524, 0.4773,
0.3329

 56.9384, 0.3417,
0.3301


 22.4619, 0.5246,
0.3332

 68.2894, 0.3219,
0.3294

 19.4354, 0.5708,
0.3330

 81.2914, 0.3061,
0.3287

 17.4554, 0.6089,
0.3323

 94.7461, 0.2946,
0.3289

■ 16.3801, 0.6324,
0.3312

■ 16.1273, 0.6387,
0.3311

Harmonies

Analogous

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



38.9193, 0.3613, 0.2957



38.9193, 0.3970, 0.3316



38.9193, 0.4077, 0.3694

Triad

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



38.9193, 0.3970, 0.3316



38.9193, 0.3064, 0.4027



38.9193, 0.2377, 0.2567

Complementary

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



38.9193, 0.3970, 0.3316



64.2366, 0.2625, 0.3264

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.



38.9193, 0.2259, 0.2782



38.9193, 0.3970, 0.3316



38.9193, 0.2634, 0.3646

Square

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



38.9193, 0.3970, 0.3316



38.9193, 0.3532, 0.4152



38.9193, 0.2347, 0.3171



38.9193, 0.2685, 0.2539

Rectangle

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



38.9193, 0.3970, 0.3316



38.9193, 0.3993, 0.3917



38.9193, 0.2347, 0.3171



38.9193, 0.2316, 0.2617

Sweetspot

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



38.9212, 0.3970, 0.3316



82.0955, 0.3324, 0.3298



41.6276, 0.3180, 0.2425



17.1390, 0.3351, 0.3298



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.



38.9212, 0.3970, 0.3316



44.5171, 0.4252, 0.3322



53.3125, 0.3805, 0.3771



13.7547, 0.3291, 0.3296



9.3190, 0.6382, 0.3315



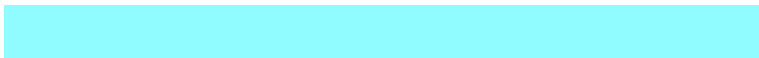
0.6655, 0.6326, 0.3359

Inverse Universe

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



64.2366, 0.2625, 0.3264



83.0680, 0.2537, 0.3258



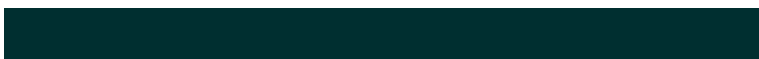
45.6037, 0.2555, 0.2751



15.5109, 0.2982, 0.3284



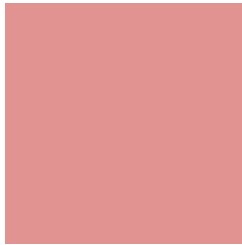
32.4797, 0.2226, 0.3212



2.2700, 0.2229, 0.3224

Previews

White Background



This preview shows how the Yxy color 38.9193, 0.3970, 0.3316 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 38.9193, 0.3970, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

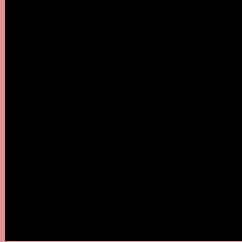
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9193, 0.3970, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 38.9193, 0.3970, 0.3316.



This preview shows how white text looks on a background with the Yxy color 38.9193, 0.3970, 0.3316.

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

38.9193, 0.3970, 0.3316

Protanopia

39.0364, 0.3289, 0.3444

Deuteranopia

39.1311, 0.3619, 0.3558



Tritanopia

38.8198, 0.3869, 0.3162

Trichromacy



Original Color

38.9193, 0.3970, 0.3316

Protanomaly

38.7461, 0.3528, 0.3398

Deuteranomaly

39.0762, 0.3748, 0.3471

Tritanomaly

38.9935, 0.3909, 0.3221

Monochromacy



Original Color

38.9193, 0.3970, 0.3316

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3610, 0.3407, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9193, 0.3970, 0.3316 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(225, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(225, 147, 145)  
}
```

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(225, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 147, 145) }
```

Border

The CSS property to change the border of an element to Yxy 38.9193, 0.3970, 0.3316 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(225, 147, 145) }
```

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

```
.border{ border-color:rgb(225, 147, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(225, 147,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9193, 0.3970, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 147, 145) }
```

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

```
.background{ background-color: rgb(225,  
147, 145) }
```

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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