

Converting Colors

Yxy(38.1836, 0.4030, 0.3345)

Have a look what the booklet for
Yxy(38.1836, 0.4030, 0.3345)
contains.

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Color

Yxy(38.1814, 0.4023, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	E1918D
RGB	225, 145, 141
RGB Percent	88%, 57%, 55%
CMY	0.1176, 0.4314, 0.4471
CMYK	0.00, 0.36, 0.37, 0.12
HSL	3°, 58%, 72%
HSV	3°, 37%, 88%
XYZ	45.9892, 38.1814, 30.1450
YIQ	168.4640, 48.9640, 15.7160

Conversions

Conversions Part 2

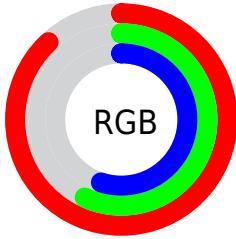
Format	Color
R _{YB}	225, 145, 141
Decimal	14782861
CIE Lab	68.15, 29.80, 14.74
CIE LCh	68, 33.247, 26.322
Yxy	38.1814, 0.4023, 0.3340
Android (android.graphics.Color)	4292972941 (0xFFE1918D)
YUV	168.4640, -13.5398, 49.5821
Hunter-Lab	61.7911, 24.7175, 14.3289

Details

The Yxy color **38.1814, 0.4023, 0.3340** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8268, 0.2600, 0.3239**, and the grayscale version is **39.4487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5087, 0.3606, 0.3343**, and **16.7995, 0.4302, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **31.6367, 0.4399, 0.3353**, and if you desaturate by 10%, it is **46.1013, 0.3710, 0.3326**.

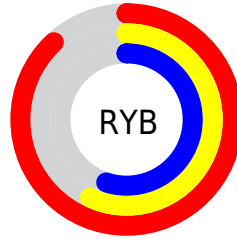
Distribution



Red (88%)

Green (57%)

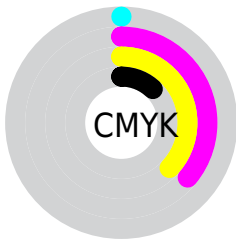
Blue (55%)



Red (88%)

Yellow (57%)

Blue (55%)

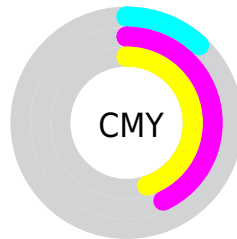


Cyan (0%)

Magenta (36%)

Yellow (37%)

Black (12%)



Cyan (12%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1814, 0.4023, 0.3340 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 38.1814, 0.4023, 0.3340 by changing the saturation by 10% instead.


 38.1814, 0.4023,
0.3340


 38.1814, 0.4023,
0.3340


338.3975, 0.3555,
0.3328


 26.1235, 0.4145,
0.3338

 72.3861, 0.3849,
0.3339

 16.9161, 0.4305,
0.3332


 95.3017, 0.3785,
0.3338

 10.1747, 0.4523,
0.3319


 122.6053, 0.3731,
0.3336

 5.5149, 0.4835,
0.3288

154.6813, 0.3685,
0.3335

 2.5524, 0.5311,
0.3214

191.9142, 0.3646,
0.3333

 0.9028, 0.6691,
0.3309

234.6882, 0.3612,


 0.0000, 1.0000,


0.3331

0.0000


283.3878, 0.3582,
0.3330


 0.0000, 0.0000,
0.0000


 38.1814, 0.4023,
0.3340


 38.1814, 0.4023,
0.3340


 31.6367, 0.4399,
0.3353


 46.1013, 0.3710,
0.3326

 26.3837, 0.4834,
0.3362

 55.4627, 0.3456,
0.3312

 22.3386, 0.5302,
0.3365

 66.3342, 0.3251,
0.3299

 19.4051, 0.5753,
0.3359

 78.7785, 0.3087,
0.3287

 17.4727, 0.6117,
0.3344

 92.8545, 0.2954,
0.3276

■ 16.4066, 0.6335,
0.3323

■ 94.7508, 0.2946,
0.3289

■ 16.2433, 0.6374,
0.3321

Harmonies

Analogous

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



38.1814, 0.3664, 0.2964



38.1814, 0.4023, 0.3340



38.1814, 0.4115, 0.3731

Triad

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



38.1814, 0.4023, 0.3340



38.1814, 0.3029, 0.4043



38.1814, 0.2362, 0.2529

Complementary

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



38.1814, 0.4023, 0.3340



62.8268, 0.2600, 0.3239

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.



38.1814, 0.2226, 0.2739



38.1814, 0.4023, 0.3340



38.1814, 0.2588, 0.3631

Square

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



38.1814, 0.4023, 0.3340



38.1814, 0.3518, 0.4192



38.1814, 0.2304, 0.3134



38.1814, 0.2693, 0.2514

Rectangle

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



38.1814, 0.4023, 0.3340



38.1814, 0.4014, 0.3960



38.1814, 0.2304, 0.3134



38.1814, 0.2294, 0.2577

Sweetspot

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



38.1833, 0.4023, 0.3340



82.4462, 0.3323, 0.3304



40.3465, 0.3195, 0.2396



17.2217, 0.3350, 0.3306



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.



38.1833, 0.4023, 0.3340



43.6279, 0.4318, 0.3350



52.9723, 0.3842, 0.3812



13.8044, 0.3291, 0.3302



9.4059, 0.6364, 0.3329



0.6894, 0.6261, 0.3411

Inverse Universe

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



62.8268, 0.2600, 0.3239



80.9058, 0.2510, 0.3226



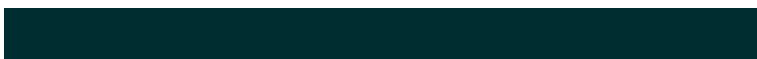
43.8275, 0.2522, 0.2700



15.4548, 0.2982, 0.3278



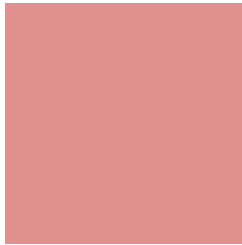
30.9849, 0.2206, 0.3142



2.1826, 0.2213, 0.3166

Previews

White Background



This preview shows how the Yxy color 38.1814, 0.4023, 0.3340 looks on a white background.

Color Contrast Check

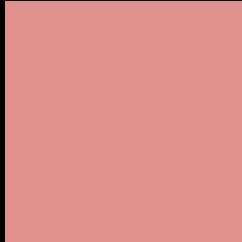
Large Text (above 18pt) WCAG AA × Fail

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 38.1814, 0.4023, 0.3340 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 38.1814, 0.4023, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 38.1814, 0.4023, 0.3340.



This preview shows how white text looks on a background with the Yxy color 38.1814, 0.4023, 0.3340.

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

38.1814, 0.4023, 0.3340

Protanopia

38.4237, 0.3317, 0.3488

Deuteranopia

38.3140, 0.3664, 0.3586



Tritanopia

38.1468, 0.3898, 0.3162

Trichromacy



Original Color

38.1814, 0.4023, 0.3340

Protanomaly

37.7983, 0.3562, 0.3425

Deuteranomaly

38.2859, 0.3796, 0.3497

Tritanomaly

38.2852, 0.3949, 0.3233

Monochromacy



Original Color

38.1814, 0.4023, 0.3340

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4291, 0.3430, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1814, 0.4023, 0.3340 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, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(225, 145, 141)  
}
```

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, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 145, 141) }
```

Border

The CSS property to change the border of an element to Yxy 38.1814, 0.4023, 0.3340 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, 145, 141) }
```

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

```
.border{ border-color:rgb(225, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 145, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 145, 141); box-shadow:4px 4px 4px 4px rgb(225, 145, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1814, 0.4023, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 145, 141) }
```

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

```
.background{ background-color: rgb(225,  
145, 141) }
```

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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