

Converting Colors

$Y_{xy}(38.1272, 0.4047, 0.3270)$

Have a look what the booklet for
Yxy(38.1272, 0.4047, 0.3270)
contains.

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Color

Yxy(38.0176, 0.4044, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E58E90
RGB	229, 142, 144
RGB Percent	90%, 56%, 56%
CMY	0.1018, 0.4432, 0.4352
CMYK	0.00, 0.38, 0.37, 0.10
HSL	359°, 63%, 73%
HSV	359°, 38%, 90%
XYZ	47.0306, 38.0176, 31.2491
YIQ	168.2410, 51.2100, 19.0660

Conversions

Conversions Part 2

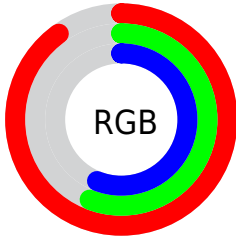
Format	Color
R _Y B	229, 142, 144
Decimal	15044240
CIE Lab	68.03, 33.26, 12.96
CIE LCh	68, 35.696, 21.292
Yxy	38.0176, 0.4044, 0.3269
Android (android.graphics.Color)	4293234320 (0xFFE58E90)
YUV	168.2410, -11.9508, 53.2856
Hunter-Lab	61.6584, 28.2506, 13.1121

Details

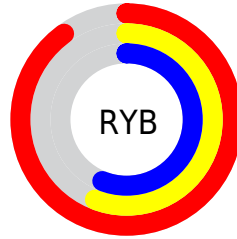
The Yxy color **38.0176, 0.4044, 0.3269** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.3576, 0.2610, 0.3313**, and the grayscale version is **39.3243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2697, 0.3589, 0.3281**, and **16.7784, 0.4330, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **31.2733, 0.4429, 0.3265**, and if you desaturate by 10%, it is **46.3013, 0.3726, 0.3274**.

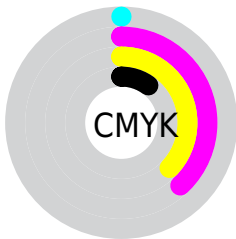
Distribution



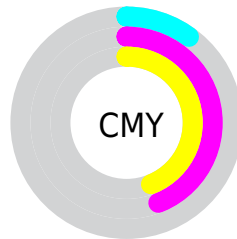
- Red (90%)
- Green (56%)
- Blue (56%)



- Red (90%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0176, 0.4044, 0.3269 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 38.0176, 0.4044, 0.3269 by changing the saturation by 10% instead.


 38.0176, 0.4044,
0.3269


 38.0176, 0.4044,
0.3269


337.6955, 0.3565,
0.3293

 25.9963, 0.4169,
0.3258


 72.1351, 0.3866,
0.3281

 16.8209, 0.4333,
0.3241


 95.0002, 0.3800,
0.3285

 10.1069, 0.4557,
0.3212


122.2486, 0.3745,
0.3288

 5.4699, 0.4877,
0.3161

154.2648, 0.3698,
0.3290

 2.5255, 0.5367,
0.3059

191.4332, 0.3658,
0.3291

 0.8894, 0.6719,
0.3066

234.1382, 0.3623,

 0.0000, 1.0000,

0.3292

0.0000

282.7642, 0.3593,
0.3293

0.0000, 0.0000,
0.0000

38.0176, 0.4044,
0.3269

38.0176, 0.4044,
0.3269

31.2733, 0.4429,
0.3265

46.3013, 0.3726,
0.3274

25.9684, 0.4873,
0.3262

56.2051, 0.3468,
0.3280

21.9999, 0.5350,
0.3264

67.8110, 0.3262,
0.3286

19.2488, 0.5802,
0.3269

81.1936, 0.3097,
0.3291

17.5752, 0.6155,
0.3279

95.4049, 0.2970,
0.3290

■ 16.7853, 0.6355,
0.3290

■ 16.6766, 0.6382,
0.3289

Harmonies

Analogous

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



38.0176, 0.3619, 0.2881



38.0176, 0.4044, 0.3269



38.0176, 0.4195, 0.3689

Triad

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



38.0176, 0.4044, 0.3269



38.0176, 0.3106, 0.4155



38.0176, 0.2270, 0.2499

Complementary

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



38.0176, 0.4044, 0.3269



67.3576, 0.2610, 0.3313

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.



38.0176, 0.2163, 0.2754



38.0176, 0.4044, 0.3269



38.0176, 0.2617, 0.3745

Square

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



38.0176, 0.4044, 0.3269



38.0176, 0.3626, 0.4255



38.0176, 0.2282, 0.3205



38.0176, 0.2589, 0.2451

Rectangle

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



38.0176, 0.4044, 0.3269



38.0176, 0.4118, 0.3946



38.0176, 0.2282, 0.3205



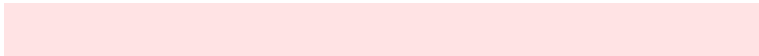
38.0176, 0.2210, 0.2560

Sweetspot

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



38.0195, 0.4044, 0.3269



81.7503, 0.3320, 0.3284



41.1914, 0.3145, 0.2346



17.0576, 0.3347, 0.3283



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.



38.0195, 0.4044, 0.3269



41.2573, 0.4357, 0.3265



52.3236, 0.3883, 0.3758



14.3734, 0.3289, 0.3285



9.5334, 0.6375, 0.3286



0.7064, 0.6303, 0.3246

Inverse Universe

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



38.0195, 0.4044, 0.3269



41.2573, 0.4357, 0.3265



47.5522, 0.2522, 0.2765



14.3734, 0.3289, 0.3285



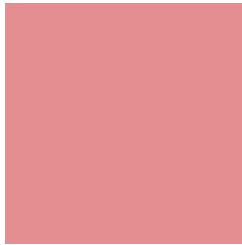
9.5334, 0.6375, 0.3286



0.7064, 0.6303, 0.3246

Previews

White Background



This preview shows how the Yxy color 38.0176, 0.4044, 0.3269 looks on a white background.

Color Contrast Check

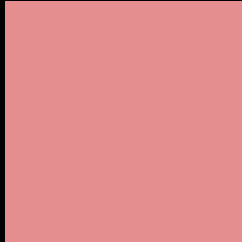
Large Text (above 18pt) WCAG AA × Fail

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 38.0176, 0.4044, 0.3269 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 38.0176, 0.4044, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 38.0176, 0.4044, 0.3269.



This preview shows how white text looks on a background with the Yxy color 38.0176, 0.4044, 0.3269.

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

38.0176, 0.4044, 0.3269

Protanopia

38.4434, 0.3271, 0.3431

Deuteranopia

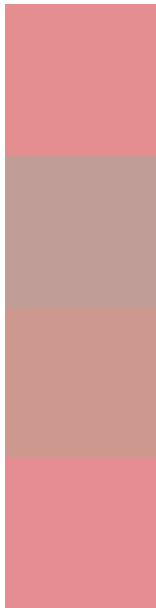
38.1411, 0.3615, 0.3547



Tritanopia

38.1071, 0.3980, 0.3176

Trichromacy



Original Color

38.0176, 0.4044, 0.3269

Protanomaly

37.7184, 0.3536, 0.3358

Deuteranomaly

37.7146, 0.3773, 0.3433

Tritanomaly

38.0109, 0.4013, 0.3211

Monochromacy



Original Color

38.0176, 0.4044, 0.3269

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.2466, 0.3432, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0176, 0.4044, 0.3269 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(229, 142, 144)` looks like.

```
.text, #text, p{  
    color:rgb(229, 142, 144)  
}
```

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(229, 142, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 142, 144) }
```

Border

The CSS property to change the border of an element to Yxy 38.0176, 0.4044, 0.3269 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(229, 142, 144) }
```

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

```
.border{ border-color:rgb(229, 142, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 142, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 142, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 142, 144);  
box-shadow:4px 4px 4px 4px rgb(229, 142,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0176, 0.4044, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 142, 144) }
```

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

```
.background{ background-color: rgb(229,  
142, 144) }
```

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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