

Converting Colors

Yxy(38.6906, 0.4177, 0.3293)

Have a look what the booklet for
Yxy(38.6906, 0.4177, 0.3293)
contains.

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Color

Yxy(38.6541, 0.4178, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	ED8C8C
RGB	237, 140, 140
RGB Percent	93%, 55%, 55%
CMY	0.0705, 0.4510, 0.4510
CMYK	0.00, 0.41, 0.41, 0.07
HSL	360°, 73%, 74%
HSV	360°, 41%, 93%
XYZ	49.0425, 38.6541, 29.6861
YIQ	169.0030, 57.8120, 20.5640

Conversions

Conversions Part 2

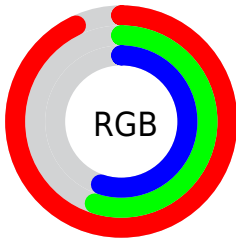
Format	Color
R _Y B	237, 140, 140
Decimal	15568012
CIE Lab	68.50, 36.81, 16.00
CIE LCh	68, 40.138, 23.497
Yxy	38.6541, 0.4178, 0.3293
Android (android.graphics.Color)	4293758092 (0xFFED8C8C)
YUV	169.0030, -14.2985, 59.6334
Hunter-Lab	62.1724, 32.0015, 15.2109

Details

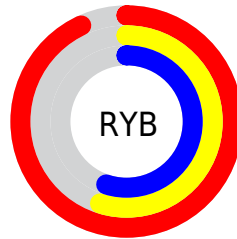
The Yxy color **38.6541, 0.4178, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.2723, 0.2566, 0.3288**, and the grayscale version is **39.7289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1853, 0.3626, 0.3302**, and **17.1826, 0.4503, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **31.8343, 0.4593, 0.3294**, and if you desaturate by 10%, it is **47.1200, 0.3831, 0.3292**.

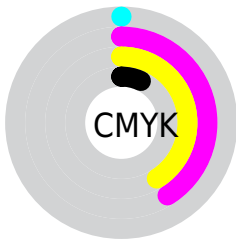
Distribution



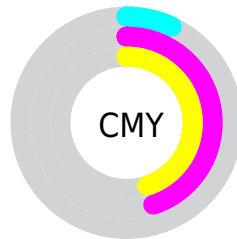
- Red (93%)
- Green (55%)
- Blue (55%)



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



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6541, 0.4178, 0.3293 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 38.6541, 0.4178, 0.3293 by changing the saturation by 10% instead.


 38.6541, 0.4178,
0.3293


 38.6541, 0.4178,
0.3293


340.4176, 0.3631,
0.3310


 26.4907, 0.4320,
0.3282


 73.1096, 0.3975,
0.3304

 17.1911, 0.4505,
0.3264


 96.1705, 0.3900,
0.3307

 10.3709, 0.4756,
0.3233


 123.6328, 0.3837,
0.3308

 5.6455, 0.5111,
0.3175

155.8808, 0.3783,
0.3309

 2.6308, 0.5642,
0.3057

193.2988, 0.3737,
0.3310

 0.9422, 0.6998,
0.3002

236.2714, 0.3697,


 0.0000, 1.0000,


0.3310

0.0000


285.1829, 0.3662,
0.3310


 0.0000, 0.0000,
0.0000


 38.6541, 0.4178,
0.3293


 38.6541, 0.4178,
0.3293


 31.8343, 0.4593,
0.3294


 47.1200, 0.3831,
0.3292


 26.5483, 0.5061,
0.3296


 57.3231, 0.3548,
0.3291


 22.6792, 0.5543,
0.3297

 69.3550, 0.3322,
0.3291

 20.0903, 0.5969,
0.3298

 83.2988, 0.3142,
0.3290

 18.6188, 0.6264,
0.3299

 96.7486, 0.3017,
0.3290

 18.0086, 0.6401,
0.3300

Harmonies

Analogous

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



38.6541, 0.3717, 0.2864



38.6541, 0.4178, 0.3293



38.6541, 0.4317, 0.3754

Triad

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



38.6541, 0.4178, 0.3293



38.6541, 0.3054, 0.4244



38.6541, 0.2197, 0.2401

Complementary

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



38.6541, 0.4178, 0.3293



72.2723, 0.2566, 0.3288

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.



38.6541, 0.2063, 0.2660



38.6541, 0.4178, 0.3293



38.6541, 0.2522, 0.3758

Square

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



38.6541, 0.4178, 0.3293



38.6541, 0.3635, 0.4376



38.6541, 0.2172, 0.3146



38.6541, 0.2561, 0.2369

Rectangle

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



38.6541, 0.4178, 0.3293



38.6541, 0.4210, 0.4038



38.6541, 0.2172, 0.3146



38.6541, 0.2126, 0.2461

Sweetspot

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



38.6560, 0.4178, 0.3293



80.1902, 0.3345, 0.3291



42.6013, 0.3160, 0.2279



16.7452, 0.3372, 0.3291



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.



38.6560, 0.4178, 0.3293



38.8518, 0.4516, 0.3294



55.3962, 0.3952, 0.3813



15.0541, 0.3293, 0.3290



9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Inverse Universe

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



38.6560, 0.4178, 0.3293



38.8518, 0.4516, 0.3294



48.5719, 0.2471, 0.2694



15.0541, 0.3293, 0.3290



9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 38.6541, 0.4178, 0.3293 looks on a white background.

Color Contrast Check

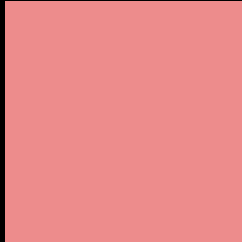
Large Text (above 18pt) WCAG AA × Fail

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 38.6541, 0.4178, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

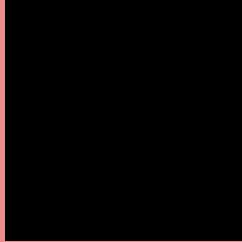
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6541, 0.4178, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 38.6541, 0.4178, 0.3293.



This preview shows how white text looks on a background with the Yxy color 38.6541, 0.4178, 0.3293.

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

38.6541, 0.4178, 0.3293

Protanopia

38.9692, 0.3307, 0.3473

Deuteranopia

38.7366, 0.3690, 0.3625



Tritanopia

38.8123, 0.4091, 0.3181

Trichromacy



Original Color

38.6541, 0.4178, 0.3293

Protanomaly

38.1542, 0.3606, 0.3397

Deuteranomaly

38.2902, 0.3877, 0.3494

Tritanomaly

38.7177, 0.4125, 0.3214

Monochromacy



Original Color

38.6541, 0.4178, 0.3293

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.3917, 0.3484, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6541, 0.4178, 0.3293 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, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(237, 140, 140)  
}
```

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, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 140, 140) }
```

Border

The CSS property to change the border of an element to Yxy 38.6541, 0.4178, 0.3293 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, 140, 140) }
```

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

```
.border{ border-color:rgb(237, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(237, 140,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6541, 0.4178, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 140, 140) }
```

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

```
.background{ background-color: rgb(237,  
140, 140) }
```

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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