

Converting Colors

$Yxy(37.9906, 0.4206, 0.3293)$

Have a look what the booklet for
Yxy(37.9906, 0.4206, 0.3293)
contains.

Yxy(38.0165, 0.4210, 0.3293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.0165, 0.4210, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	ED8A8A
RGB	237, 138, 138
RGB Percent	93%, 54%, 54%
CMY	0.0706, 0.4588, 0.4588
CMYK	0.00, 0.42, 0.42, 0.07
HSL	360°, 73%, 74%
HSV	360°, 42%, 93%
XYZ	48.6029, 38.0165, 28.8270
YIQ	167.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

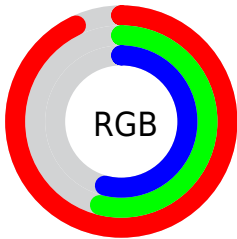
Format	Color
RYB	237, 138, 138
Decimal	15567498
CIELab	68.03, 37.62, 16.46
CIElCh	68, 41.066, 23.631
Yxy	38.0165, 0.4210, 0.3293
Android (android.graphics.Color)	4293757578 (0xFFED8A8A)
YUV	167.6010, -14.5933, 60.8629
Hunter-Lab	61.6575, 32.8060, 15.4402

Details

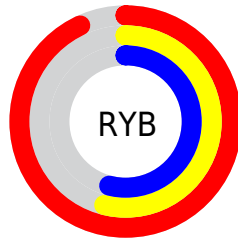
The Yxy color **38.0165, 0.4210, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.0880, 0.2557, 0.3288**, and the grayscale version is **39.0049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1615, 0.3656, 0.3312**, and **16.8251, 0.4552, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **31.3304, 0.4630, 0.3294**, and if you desaturate by 10%, it is **46.3399, 0.3857, 0.3292**.

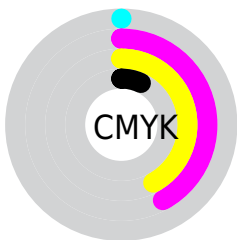
Distribution



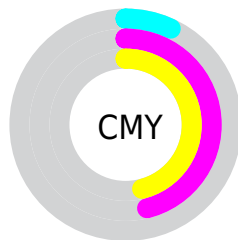
- Red (93%)
- Green (54%)
- Blue (54%)



- Red (93%)
- Yellow (54%)
- Blue (54%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0165, 0.4210, 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 38.0165, 0.4210, 0.3293 by changing the saturation by 10% instead.

 38.0165, 0.4210,
0.3293


 38.0165, 0.4210,
0.3293


337.6907, 0.3645,
0.3311

 25.9955, 0.4357,
0.3281


 72.1334, 0.4000,
0.3305

 16.8203, 0.4549,
0.3262


 94.9981, 0.3922,
0.3307

 10.1064, 0.4809,
0.3229

 122.2462, 0.3857,
0.3309

 5.4696, 0.5177,
0.3166

154.2620, 0.3802,
0.3310

 2.5253, 0.5729,
0.3039

191.4300, 0.3754,
0.3311

 0.8893, 0.7065,
0.2935

234.1345, 0.3713,


 0.0000, 1.0000,


0.3311

0.0000


282.7600, 0.3677,
0.3311


 0.0000, 0.0000,
0.0000

 38.0165, 0.4210,
0.3293

 38.0165, 0.4210,
0.3293


 31.3304, 0.4630,
0.3294


 46.3399, 0.3857,
0.3292


 26.1683, 0.5101,
0.3296

 56.3924, 0.3570,
0.3291

 22.4122, 0.5581,
0.3297


 68.2659, 0.3339,
0.3291

 19.9237, 0.5999,
0.3298

 82.0443, 0.3156,
0.3290

 18.5369, 0.6281,
0.3299

 96.7452, 0.3017,
0.3290

 18.0053, 0.6401,
0.3300

Harmonies

Analogous

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



38.0165, 0.3737, 0.2854



38.0165, 0.4210, 0.3293



38.0165, 0.4350, 0.3765

Triad

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



38.0165, 0.4210, 0.3293



38.0165, 0.3048, 0.4273



38.0165, 0.2175, 0.2377

Complementary

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



38.0165, 0.4210, 0.3293



72.0880, 0.2557, 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.



38.0165, 0.2036, 0.2639



38.0165, 0.4210, 0.3293



38.0165, 0.2503, 0.3769

Square

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



38.0165, 0.4210, 0.3293



38.0165, 0.3644, 0.4408



38.0165, 0.2146, 0.3137



38.0165, 0.2548, 0.2346

Rectangle

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



38.0165, 0.4210, 0.3293



38.0165, 0.4238, 0.4057



38.0165, 0.2146, 0.3137



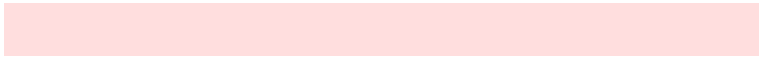
38.0165, 0.2102, 0.2437

Sweetspot

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



38.0184, 0.4210, 0.3293



78.6890, 0.3366, 0.3291



42.0149, 0.3160, 0.2260



16.1505, 0.3414, 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.



38.0184, 0.4210, 0.3293



38.1141, 0.4560, 0.3294



54.8963, 0.3973, 0.3824



15.0541, 0.3293, 0.3290



9.8299, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Inverse Universe

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



38.0184, 0.4210, 0.3293



38.1141, 0.4560, 0.3294



47.9794, 0.2457, 0.2680



15.0541, 0.3293, 0.3290



9.8299, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 38.0165, 0.4210, 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 38.0165, 0.4210, 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 38.0165, 0.4210, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 38.0165, 0.4210, 0.3293.



This preview shows how white text looks on a background with the Yxy color 38.0165, 0.4210, 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

38.0165, 0.4210, 0.3293

Protanopia

38.4237, 0.3317, 0.3488

Deuteranopia

38.2003, 0.3703, 0.3640



Tritanopia

38.1750, 0.4122, 0.3181

Trichromacy



Original Color

38.0165, 0.4210, 0.3293

Protanomaly

37.6193, 0.3619, 0.3411

Deuteranomaly

37.7611, 0.3892, 0.3507

Tritanomaly

38.0821, 0.4157, 0.3215

Monochromacy



Original Color

38.0165, 0.4210, 0.3293

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8857, 0.3486, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0165, 0.4210, 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, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(237, 138, 138)  
}
```

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, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 138, 138) }
```

Border

The CSS property to change the border of an element to Yxy 38.0165, 0.4210, 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, 138, 138) }
```

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

```
.border{ border-color:rgb(237, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(237, 138,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0165, 0.4210, 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, 138, 138) }
```

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

```
.background{ background-color: rgb(237,  
138, 138) }
```

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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