

Converting Colors

$Yxy(37.8177, 0.4259, 0.3316)$

Have a look what the booklet for
Yxy(37.8177, 0.4259, 0.3316)
contains.

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Color

Yxy(37.8177, 0.4259, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	EE8987
RGB	238, 137, 135
RGB Percent	93%, 54%, 53%
CMY	0.0668, 0.4627, 0.4706
CMYK	0.00, 0.42, 0.43, 0.07
HSL	1°, 75%, 73%
HSV	1°, 43%, 93%
XYZ	48.5723, 37.8177, 27.6562
YIQ	166.9710, 60.8380, 20.7900

Conversions

Conversions Part 2

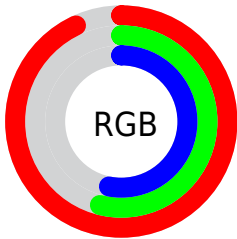
Format	Color
R_{YB}	238, 137, 135
Decimal	15632775
CIE _{Lab}	67.89, 38.17, 17.97
CIE _{LCh}	68, 42.189, 25.211
Yxy	37.8177, 0.4259, 0.3316
Android (android.graphics.Color)	4293822855 (0xFFEE8987)
YUV	166.9710, -15.7617, 62.2924
Hunter-Lab	61.4961, 33.3688, 16.3832

Details

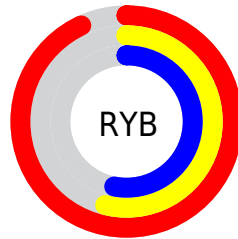
The Yxy color **37.8177, 0.4259, 0.3316** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.2794, 0.2537, 0.3264**, and the grayscale version is **38.6863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5901, 0.3684, 0.3333**, and **16.7366, 0.4622, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **31.2908, 0.4682, 0.3321**, and if you desaturate by 10%, it is **45.9319, 0.3900, 0.3310**.

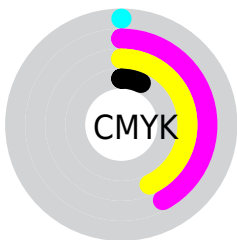
Distribution



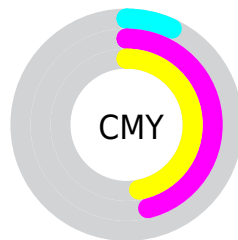
- Red (93%)
- Green (54%)
- Blue (53%)



- Red (93%)
- Yellow (54%)
- Blue (53%)



- Cyan (0%)
- Magenta (42%)
- Yellow (43%)
- Black (7%)





- Cyan (7%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8177, 0.4259, 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 37.8177, 0.4259, 0.3316 by changing the saturation by 10% instead.


 37.8177, 0.4259,
0.3316


 37.8177, 0.4259,
0.3316


336.8373, 0.3668,
0.3325

 25.8412, 0.4413,
0.3306


 71.8286, 0.4039,
0.3325

 16.7049, 0.4613,
0.3288


 94.6319, 0.3958,
0.3326

 10.0243, 0.4884,
0.3256


 121.8129, 0.3890,
0.3327

 5.4151, 0.5267,
0.3192

153.7559, 0.3832,
0.3327

 2.4928, 0.5836,
0.3060

190.8455, 0.3782,
0.3327

 0.8730, 0.7100,
0.2900

233.4660, 0.3739,

 0.0000, 1.0000,

0.3326


0.0000


282.0018, 0.3701,
0.3326


 0.0000, 0.0000,
0.0000


 37.8177, 0.4259,
0.3316


 37.8177, 0.4259,
0.3316


 31.2908, 0.4682,
0.3321


 45.9319, 0.3900,
0.3310


 26.2420, 0.5153,
0.3324

 55.7217, 0.3606,
0.3304


 22.5577, 0.5625,
0.3324

 67.2759, 0.3370,
0.3297


 20.1049, 0.6029,
0.3319

 80.6752, 0.3181,
0.3292

 18.7245, 0.6295,
0.3311

 95.9954, 0.3029,
0.3287

 18.2752, 0.6390,
0.3308

 96.9132, 0.3023,
0.3290

Harmonies

Analogous

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



37.8177, 0.3786, 0.2863



37.8177, 0.4259, 0.3316



37.8177, 0.4382, 0.3799

Triad

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



37.8177, 0.4259, 0.3316



37.8177, 0.3011, 0.4286



37.8177, 0.2165, 0.2345

Complementary

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



37.8177, 0.4259, 0.3316



71.2794, 0.2537, 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.



37.8177, 0.2009, 0.2600



37.8177, 0.4259, 0.3316



37.8177, 0.2459, 0.3749

Square

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



37.8177, 0.4259, 0.3316



37.8177, 0.3625, 0.4445



37.8177, 0.2107, 0.3099



37.8177, 0.2558, 0.2327

Rectangle

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



37.8177, 0.4259, 0.3316



37.8177, 0.4252, 0.4097



37.8177, 0.2107, 0.3099



37.8177, 0.2085, 0.2402

Sweetspot

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



37.8196, 0.4259, 0.3316



79.0370, 0.3365, 0.3297



41.5689, 0.3192, 0.2245



16.2347, 0.3413, 0.3299



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.



37.8196, 0.4259, 0.3316



37.3472, 0.4634, 0.3321



55.9735, 0.3995, 0.3879



15.8088, 0.3293, 0.3295



10.2197, 0.6386, 0.3311



0.8677, 0.6348, 0.3341

Inverse Universe

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



71.2794, 0.2537, 0.3264



81.2471, 0.2449, 0.3258



45.9216, 0.2426, 0.2607



17.8722, 0.2981, 0.3285



36.0757, 0.2230, 0.3227



3.0181, 0.2232, 0.3236

Previews

White Background



This preview shows how the Yxy color 37.8177, 0.4259, 0.3316 looks on a white background.

Color Contrast Check

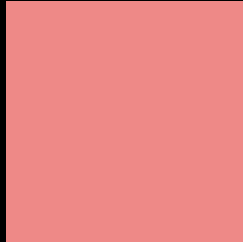
Large Text (above 18pt) WCAG AA × Fail

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 37.8177, 0.4259, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

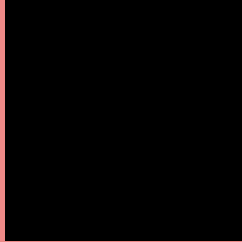
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8177, 0.4259, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 37.8177, 0.4259, 0.3316.



This preview shows how white text looks on a background with the Yxy color 37.8177, 0.4259, 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

37.8177, 0.4259, 0.3316

Protanopia

37.9644, 0.3346, 0.3517

Deuteranopia

37.9043, 0.3747, 0.3666



Tritanopia

37.7230, 0.4164, 0.3182

Trichromacy



Original Color

37.8177, 0.4259, 0.3316

Protanomaly

37.3266, 0.3663, 0.3437

Deuteranomaly

37.5008, 0.3938, 0.3532

Tritanomaly

37.8821, 0.4206, 0.3238

Monochromacy



Original Color

37.8177, 0.4259, 0.3316

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4809, 0.3509, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8177, 0.4259, 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(238, 137, 135)` looks like.

```
.text, #text, p{  
    color:rgb(238, 137, 135)  
}
```

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(238, 137, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 137, 135) }
```

Border

The CSS property to change the border of an element to Yxy 37.8177, 0.4259, 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(238, 137, 135) }
```

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

```
.border{ border-color:rgb(238, 137, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 137, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 137, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 137, 135);  
box-shadow:4px 4px 4px 4px rgb(238, 137,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8177, 0.4259, 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(238, 137, 135) }
```

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

```
.background{ background-color: rgb(238,  
137, 135) }
```

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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