

Converting Colors

Yxy(37.6549, 0.4154, 0.3293)

Have a look what the booklet for
Yxy(37.6549, 0.4154, 0.3293)
contains.

Yxy(37.6530, 0.4154, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.6530, 0.4154, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E98B8B
RGB	233, 139, 139
RGB Percent	91%, 55%, 55%
CMY	0.0863, 0.4549, 0.4549
CMYK	0.00, 0.40, 0.40, 0.09
HSL	0°, 68%, 73%
HSV	0°, 40%, 91%
XYZ	47.4979, 37.6530, 29.1917
YIQ	167.1060, 56.0240, 19.9280

Conversions

Conversions Part 2

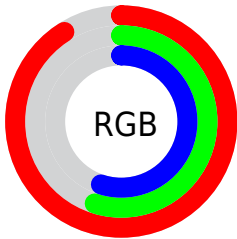
Format	Color
R _Y B	233, 139, 139
Decimal	15305611
CIE Lab	67.76, 35.73, 15.46
CIE LCh	68, 38.928, 23.397
Yxy	37.6530, 0.4154, 0.3293
Android (android.graphics.Color)	4293495691 (0xFFE98B8B)
YUV	167.1060, -13.8563, 57.7890
Hunter-Lab	61.3620, 30.7861, 14.7475

Details

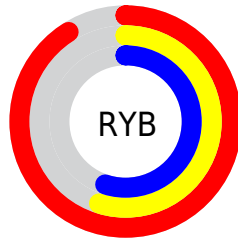
The Yxy color **37.6530, 0.4154, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.6515, 0.2573, 0.3288**, and the grayscale version is **38.7476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6493, 0.3645, 0.3312**, and **16.5363, 0.4475, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **31.0009, 0.4564, 0.3294**, and if you desaturate by 10%, it is **45.8917, 0.3811, 0.3292**.

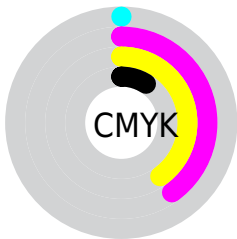
Distribution



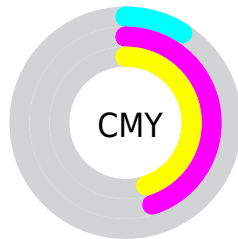
- Red (91%)
- Green (55%)
- Blue (55%)



- Red (91%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6530, 0.4154, 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 37.6530, 0.4154, 0.3293 by changing the saturation by 10% instead.

 37.6530, 0.4154,
0.3293


 37.6530, 0.4154,
0.3293


336.1291, 0.3617,
0.3309

 25.7135, 0.4294,
0.3283


 71.5760, 0.3954,
0.3303

 16.6094, 0.4478,
0.3265


 94.3282, 0.3880,
0.3306

 9.9564, 0.4727,
0.3235


 121.4535, 0.3819,
0.3308

 5.3701, 0.5082,
0.3178

153.3362, 0.3766,
0.3308

 2.4660, 0.5620,
0.3060

190.3607, 0.3721,
0.3309

 0.8595, 0.7000,
0.3000

232.9114, 0.3682,


 0.0000, 1.0000,


0.3309


0.0000

281.3727, 0.3648,
0.3309


 0.0000, 0.0000,
0.0000

 37.6530, 0.4154,
0.3293


 37.6530, 0.4154,
0.3293

 31.0009, 0.4564,
0.3294


 45.8917, 0.3811,
0.3292


 25.8284, 0.5030,
0.3296

 55.8040, 0.3533,
0.3291


 22.0241, 0.5512,
0.3297


 67.4771, 0.3310,
0.3291

 19.4585, 0.5944,
0.3298

 80.9907, 0.3133,
0.3290

 17.9772, 0.6249,
0.3299

 96.0640, 0.2993,
0.3290

 17.3241, 0.6401,
0.3300

Harmonies

Analogous

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



37.6530, 0.3703, 0.2871



37.6530, 0.4154, 0.3293



37.6530, 0.4292, 0.3746

Triad

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



37.6530, 0.4154, 0.3293



37.6530, 0.3059, 0.4223



37.6530, 0.2215, 0.2419

Complementary

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



37.6530, 0.4154, 0.3293



69.6515, 0.2573, 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.



37.6530, 0.2083, 0.2675



37.6530, 0.4154, 0.3293



37.6530, 0.2537, 0.3749

Square

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



37.6530, 0.4154, 0.3293



37.6530, 0.3628, 0.4352



37.6530, 0.2192, 0.3152



37.6530, 0.2572, 0.2386

Rectangle

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



37.6530, 0.4154, 0.3293



37.6530, 0.4189, 0.4024



37.6530, 0.2192, 0.3152



37.6530, 0.2145, 0.2479

Sweetspot

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



37.6549, 0.4154, 0.3293



80.1902, 0.3345, 0.3291



41.6738, 0.3174, 0.2298



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.



37.6549, 0.4154, 0.3293



39.6084, 0.4472, 0.3294



54.3074, 0.3929, 0.3822



15.0541, 0.3293, 0.3291



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.



69.6515, 0.2573, 0.3288



83.6935, 0.2492, 0.3288



46.4919, 0.2478, 0.2684



17.1219, 0.2981, 0.3290



36.4059, 0.2247, 0.3287



2.8587, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 37.6530, 0.4154, 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 37.6530, 0.4154, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

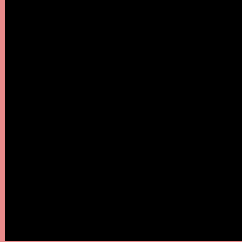
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6530, 0.4154, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 37.6530, 0.4154, 0.3293.



This preview shows how white text looks on a background with the Yxy color 37.6530, 0.4154, 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

37.6530, 0.4154, 0.3293

Protanopia

37.9479, 0.3309, 0.3475

Deuteranopia

37.7520, 0.3687, 0.3615



Tritanopia

37.8075, 0.4066, 0.3179

Trichromacy



Original Color

37.6530, 0.4154, 0.3293

Protanomaly

37.3529, 0.3599, 0.3411

Deuteranomaly

37.4994, 0.3860, 0.3496

Tritanomaly

37.7137, 0.4101, 0.3213

Monochromacy



Original Color

37.6530, 0.4154, 0.3293

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6246, 0.3466, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6530, 0.4154, 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(233, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(233, 139, 139)  
}
```

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(233, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 139, 139) }
```

Border

The CSS property to change the border of an element to Yxy 37.6530, 0.4154, 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(233, 139, 139) }
```

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

```
.border{ border-color:rgb(233, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(233, 139,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6530, 0.4154, 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(233, 139, 139) }
```

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

```
.background{ background-color: rgb(233,  
139, 139) }
```

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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