

Converting Colors

$Yxy(37.6683, 0.4062, 0.3293)$

Have a look what the booklet for
Yxy(37.6683, 0.4062, 0.3293)
contains.

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Color

Yxy(37.7930, 0.4056, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E48E8E
RGB	228, 142, 142
RGB Percent	89%, 56%, 56%
CMY	0.1059, 0.4431, 0.4432
CMYK	0.00, 0.38, 0.38, 0.11
HSL	0°, 61%, 73%
HSV	0°, 38%, 89%
XYZ	46.5498, 37.7930, 30.4249
YIQ	167.7140, 51.2560, 18.2320

Conversions

Conversions Part 2

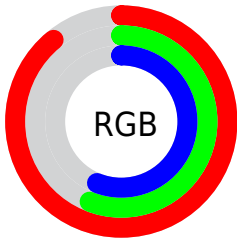
Format	Color
RYB	228, 142, 142
Decimal	14978702
CIELab	67.87, 32.62, 13.85
CIELCh	68, 35.439, 22.998
Yxy	37.7930, 0.4056, 0.3293
Android (android.graphics.Color)	4293168782 (0xFFE48E8E)
YUV	167.7140, -12.6770, 52.8708
Hunter-Lab	61.4760, 27.5776, 13.6902

Details

The Yxy color **37.7930, 0.4056, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.8249, 0.2603, 0.3288**, and the grayscale version is **39.0555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1780, 0.3605, 0.3302**, and **16.6311, 0.4349, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **31.0751, 0.4448, 0.3294**, and if you desaturate by 10%, it is **46.0414, 0.3731, 0.3292**.

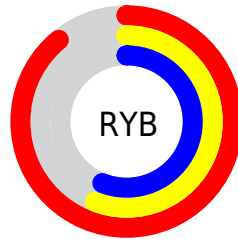
Distribution



Red (89%)

Green (56%)

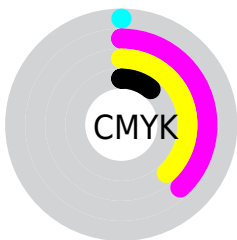
Blue (56%)



Red (89%)

Yellow (56%)

Blue (56%)

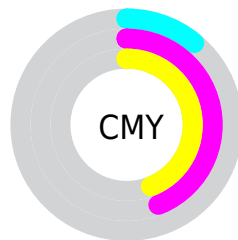


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (11%)



Cyan (11%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7930, 0.4056, 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 37.7930, 0.4056, 0.3293 by changing the saturation by 10% instead.


 37.7930, 0.4056,
0.3293


 37.7930, 0.4056,
0.3293


336.7312, 0.3571,
0.3306


 25.8221, 0.4183,
0.3285


 71.7908, 0.3875,
0.3301

 16.6906, 0.4350,
0.3271


 94.5864, 0.3808,
0.3303

 10.0141, 0.4577,
0.3246


 121.7590, 0.3753,
0.3305

 5.4083, 0.4902,
0.3199

153.6930, 0.3705,
0.3305

 2.4888, 0.5399,
0.3102

190.7729, 0.3664,
0.3306

 0.8710, 0.6847,
0.3153

233.3829, 0.3629,


 0.0000, 1.0000,


0.3306


0.0000

281.9075, 0.3598,
0.3306

 0.0000, 0.0000,
0.0000

 37.7930, 0.4056,
0.3293


 37.7930, 0.4056,
0.3293


 31.0751, 0.4448,
0.3294


 46.0414, 0.3731,
0.3292


 25.7885, 0.4900,
0.3296


 55.9004, 0.3469,
0.3291


 21.8309, 0.5383,
0.3297

 67.4514, 0.3260,
0.3290

 19.0845, 0.5836,
0.3298

 80.7684, 0.3092,
0.3290

 17.4105, 0.6182,
0.3299

 95.2343, 0.2964,
0.3290

■ 16.6196, 0.6370,
0.3300

■ 16.4958, 0.6401,
0.3300

Harmonies

Analogous

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



37.7930, 0.3645, 0.2903



37.7930, 0.4056, 0.3293



37.7930, 0.4188, 0.3710

Triad

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



37.7930, 0.4056, 0.3293



37.7930, 0.3077, 0.4134



37.7930, 0.2287, 0.2494

Complementary

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



37.7930, 0.4056, 0.3293



66.8249, 0.2603, 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.



37.7930, 0.2168, 0.2737



37.7930, 0.4056, 0.3293



37.7930, 0.2596, 0.3713

Square

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



37.7930, 0.4056, 0.3293



37.7930, 0.3596, 0.4253



37.7930, 0.2273, 0.3176



37.7930, 0.2615, 0.2458

Rectangle

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



37.7930, 0.4056, 0.3293



37.7930, 0.4100, 0.3963



37.7930, 0.2273, 0.3176



37.7930, 0.2223, 0.2552

Sweetspot

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



37.7949, 0.4056, 0.3293



81.7186, 0.3324, 0.3291



41.4365, 0.3171, 0.2360



17.0501, 0.3352, 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.



37.7949, 0.4056, 0.3293



42.0000, 0.4346, 0.3294



53.1414, 0.3864, 0.3786



14.3687, 0.3293, 0.3291



9.5254, 0.6401, 0.3300



0.7041, 0.6400, 0.3300

Inverse Universe

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



66.8249, 0.2603, 0.3288



84.3158, 0.2521, 0.3288



46.0453, 0.2521, 0.2731



16.3357, 0.2982, 0.3290



35.2537, 0.2246, 0.3287



2.6054, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 37.7930, 0.4056, 0.3293 looks on a white background.

Color Contrast Check

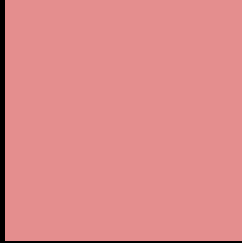
Large Text (above 18pt) WCAG AA × Fail

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 37.7930, 0.4056, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

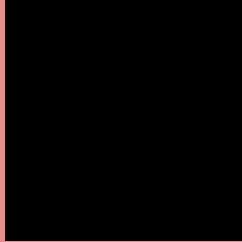
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7930, 0.4056, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 37.7930, 0.4056, 0.3293.



This preview shows how white text looks on a background with the Yxy color 37.7930, 0.4056, 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

37.7930, 0.4056, 0.3293

Protanopia

38.0140, 0.3291, 0.3446

Deuteranopia

37.7367, 0.3638, 0.3561



Tritanopia

37.9421, 0.3970, 0.3176

Trichromacy



Original Color

37.7930, 0.4056, 0.3293

Protanomaly

37.5224, 0.3545, 0.3385

Deuteranomaly

37.5133, 0.3784, 0.3460

Tritanomaly

37.8459, 0.4003, 0.3211

Monochromacy



Original Color

37.7930, 0.4056, 0.3293

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 37.7930, 0.4056, 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(228, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(228, 142, 142)  
}
```

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(228, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 142, 142) }
```

Border

The CSS property to change the border of an element to Yxy 37.7930, 0.4056, 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(228, 142, 142) }
```

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

```
.border{ border-color:rgb(228, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(228, 142,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7930, 0.4056, 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(228, 142, 142) }
```

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

```
.background{ background-color: rgb(228,  
142, 142) }
```

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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