

Converting Colors

$Y_{xy}(42.6818, 0.4045, 0.3292)$

Have a look what the booklet for
Yxy(42.6818, 0.4045, 0.3292)
contains.

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Color

Yxy(42.5400, 0.4052, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	F09696
RGB	240, 150, 150
RGB Percent	94%, 59%, 59%
CMY	0.0588, 0.4117, 0.4118
CMYK	0.00, 0.37, 0.38, 0.06
HSL	0°, 75%, 76%
HSV	0°, 38%, 94%
XYZ	52.3450, 42.5400, 34.2981
YIQ	176.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

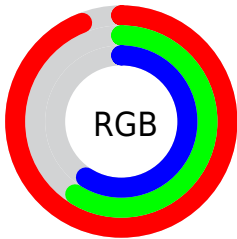
Format	Color
R _Y B	240, 150, 150
Decimal	15767190
CIE Lab	71.24, 33.80, 14.33
CIE LCh	71, 36.714, 22.982
Yxy	42.5400, 0.4052, 0.3293
Android (android.graphics.Color)	4293957270 (0xFFFF09696)
YUV	176.9100, -13.2666, 55.3299
Hunter-Lab	65.2227, 29.1169, 14.4775

Details

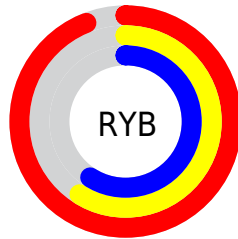
The Yxy color **42.5400, 0.4052, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.0767, 0.2604, 0.3288**, and the grayscale version is **43.9674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2823, 0.3525, 0.3301**, and **19.4600, 0.4327, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **34.9569, 0.4445, 0.3294**, and if you desaturate by 10%, it is **51.8531, 0.3727, 0.3292**.

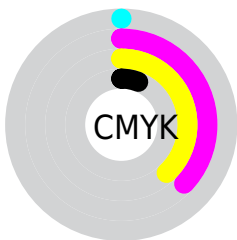
Distribution



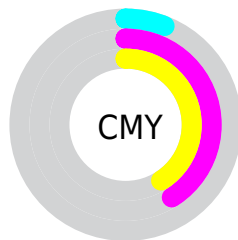
- Red (94%)
- Green (59%)
- Blue (59%)



- Red (94%)
- Yellow (59%)
- Blue (59%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (6%)



- Cyan (6%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5400, 0.4052, 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 42.5400, 0.4052, 0.3293 by changing the saturation by 10% instead.

 42.5400, 0.4052,
0.3293

 42.5400, 0.4052,
0.3293


356.7166, 0.3578,
0.3306

 29.5244, 0.4173,
0.3285


 79.0162, 0.3877,
0.3301

 19.4778, 0.4330,
0.3272


 103.2456, 0.3813,
0.3303

 12.0161, 0.4540,
0.3250


131.9817, 0.3758,
0.3304

 6.7546, 0.4835,
0.3209

165.6089, 0.3711,
0.3305

 3.3091, 0.5275,
0.3129

204.5116, 0.3671,
0.3306

 1.2952, 0.6147,
0.3028

249.0742, 0.3636,

 0.1375, 0.8749,

0.3306

0.1251

299.6810, 0.3605,
0.3306

■ 0.0000, 0.0000,
0.0000

■ 42.5400, 0.4052,
0.3293

■ 42.5400, 0.4052,
0.3293

■ 34.9569, 0.4445,
0.3294

■ 51.8531, 0.3727,
0.3292

■ 28.9915, 0.4898,
0.3296

■ 62.9870, 0.3465,
0.3291

■ 24.5281, 0.5382,
0.3297

■ 76.0335, 0.3256,
0.3290

■ 21.4332, 0.5836,
0.3298

■ 91.0767, 0.3089,
0.3290

■ 19.5496, 0.6183,
0.3299

■ 97.2650, 0.3035,
0.3290

■ 18.6696, 0.6369,
0.3300

■ 18.5266, 0.6401,
0.3300

Harmonies

Analogous

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



42.5400, 0.3643, 0.2904



42.5400, 0.4052, 0.3293



42.5400, 0.4184, 0.3709

Triad

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



42.5400, 0.4052, 0.3293



42.5400, 0.3078, 0.4131



42.5400, 0.2290, 0.2497

Complementary

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



42.5400, 0.4052, 0.3293



75.0767, 0.2604, 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.



42.5400, 0.2171, 0.2740



42.5400, 0.4052, 0.3293



42.5400, 0.2598, 0.3711

Square

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



42.5400, 0.4052, 0.3293



42.5400, 0.3594, 0.4249



42.5400, 0.2277, 0.3177



42.5400, 0.2617, 0.2461

Rectangle

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



42.5400, 0.4052, 0.3293



42.5400, 0.4096, 0.3961



42.5400, 0.2277, 0.3177



42.5400, 0.2226, 0.2555

Sweetspot

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



42.5421, 0.4052, 0.3293



81.7188, 0.3324, 0.3291



46.6231, 0.3171, 0.2363



17.0502, 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.



42.5421, 0.4052, 0.3293



42.0004, 0.4346, 0.3294



59.7523, 0.3861, 0.3785



15.7596, 0.3293, 0.3291



10.1422, 0.6401, 0.3300



0.8440, 0.6400, 0.3300

Inverse Universe

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



75.0767, 0.2604, 0.3288



84.3148, 0.2521, 0.3288



51.7993, 0.2523, 0.2733



17.9281, 0.2981, 0.3290



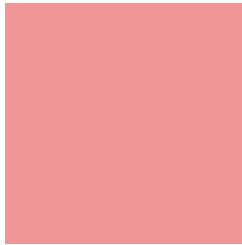
37.5357, 0.2246, 0.3286



3.1229, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 42.5400, 0.4052, 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 42.5400, 0.4052, 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 42.5400, 0.4052, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 42.5400, 0.4052, 0.3293.



This preview shows how white text looks on a background with the Yxy color 42.5400, 0.4052, 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

42.5400, 0.4052, 0.3293

Protanopia

42.7045, 0.3291, 0.3452

Deuteranopia

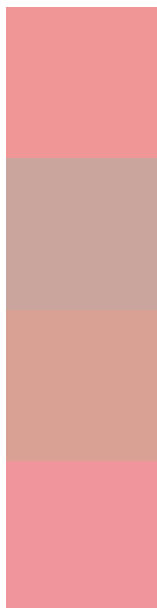
42.6684, 0.3641, 0.3561



Tritanopia

42.7337, 0.3959, 0.3170

Trichromacy



Original Color

42.5400, 0.4052, 0.3293

Protanomaly

41.9354, 0.3546, 0.3381

Deuteranomaly

42.2268, 0.3793, 0.3451

Tritanomaly

42.5960, 0.4002, 0.3215

Monochromacy



Original Color

42.5400, 0.4052, 0.3293

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.7068, 0.3438, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5400, 0.4052, 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(240, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(240, 150, 150)  
}
```

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(240, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 150, 150) }
```

Border

The CSS property to change the border of an element to Yxy 42.5400, 0.4052, 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(240, 150, 150) }
```

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

```
.border{ border-color:rgb(240, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(240, 150,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5400, 0.4052, 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(240, 150, 150) }
```

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

```
.background{ background-color: rgb(240,  
150, 150) }
```

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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