

Converting Colors

$Y_{xy}(40.0412, 0.4097, 0.3215)$

Have a look what the booklet for
Yxy(40.0412, 0.4097, 0.3215)
contains.

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Color

Yxy(40.0412, 0.4097, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	F08E95
RGB	240, 142, 149
RGB Percent	94%, 56%, 58%
CMY	0.0589, 0.4430, 0.4156
CMYK	0.00, 0.41, 0.38, 0.06
HSL	356°, 77%, 75%
HSV	356°, 41%, 94%
XYZ	51.0261, 40.0412, 33.4777
YIQ	172.1000, 56.1610, 22.9530

Conversions

Conversions Part 2

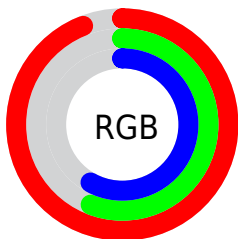
Format	Color
R _Y B	240, 142, 149
Decimal	15765141
CIE Lab	69.50, 37.84, 12.42
CIE LCh	69, 39.827, 18.176
Yxy	40.0412, 0.4097, 0.3215
Android (android.graphics.Color)	4293955221 (0xFFFF08E95)
YUV	172.1000, -11.3883, 59.5483
Hunter-Lab	63.2781, 33.2017, 12.9269

Details

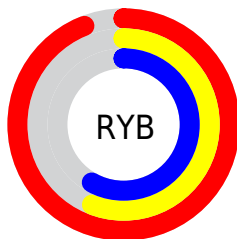
The Yxy color **40.0412, 0.4097, 0.3215** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.9373, 0.2600, 0.3372**, and the grayscale version is **41.3480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5043, 0.3549, 0.3229**, and **18.0179, 0.4398, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **33.0082, 0.4481, 0.3200**, and if you desaturate by 10%, it is **48.7513, 0.3777, 0.3233**.

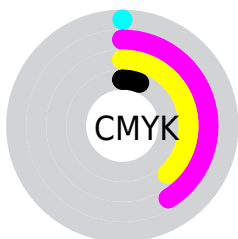
Distribution



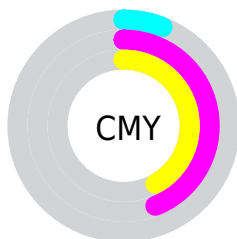
- Red (94%)
- Green (56%)
- Blue (58%)



- Red (94%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0412, 0.4097, 0.3215 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 40.0412, 0.4097, 0.3215 by changing the saturation by 10% instead.


 40.0412, 0.4097,
0.3215


 40.0412, 0.4097,
0.3215


346.2972, 0.3595,
0.3267

 27.5707, 0.4227,
0.3197


 75.2262, 0.3911,
0.3238

 18.0023, 0.4395,
0.3171


 98.7096, 0.3842,
0.3245

 10.9516, 0.4623,
0.3131


126.6326, 0.3785,
0.3251

 6.0343, 0.4946,
0.3065

159.3797, 0.3736,
0.3256

 2.8660, 0.5432,
0.2945

197.3353, 0.3693,
0.3259

 1.0622, 0.6469,
0.2802

240.8839, 0.3656,

 0.0000, 1.0000,

0.3263


0.0000


290.4097, 0.3624,
0.3265


 0.0000, 0.0000,
0.0000

 40.0412, 0.4097,
0.3215


 40.0412, 0.4097,
0.3215


 33.0082, 0.4481,
0.3200


 48.7513, 0.3777,
0.3233


 27.5391, 0.4920,
0.3192


 59.2306, 0.3516,
0.3252


 23.5159, 0.5385,
0.3194


 71.5712, 0.3307,
0.3271

 20.8016, 0.5820,
0.3210

 85.8574, 0.3139,
0.3289

 19.2325, 0.6157,
0.3239

 97.2600, 0.3035,
0.3290

 18.5608, 0.6342,
0.3267

Harmonies

Analogous

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



40.0412, 0.3605, 0.2805



40.0412, 0.4097, 0.3215



40.0412, 0.4296, 0.3669

Triad

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



40.0412, 0.4097, 0.3215



40.0412, 0.3159, 0.4276



40.0412, 0.2173, 0.2445

Complementary

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



40.0412, 0.4097, 0.3215



73.9373, 0.2600, 0.3372

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.



40.0412, 0.2082, 0.2742



40.0412, 0.4097, 0.3215



40.0412, 0.2617, 0.3850

Square

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



40.0412, 0.4097, 0.3215



40.0412, 0.3721, 0.4339



40.0412, 0.2233, 0.3252



40.0412, 0.2493, 0.2375

Rectangle

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



40.0412, 0.4097, 0.3215



40.0412, 0.4232, 0.3956



40.0412, 0.2233, 0.3252



40.0412, 0.2116, 0.2518

Sweetspot

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



40.0432, 0.4097, 0.3215



80.3096, 0.3330, 0.3269



42.7660, 0.3102, 0.2263



16.7730, 0.3355, 0.3266



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.



40.0432, 0.4097, 0.3215



39.1016, 0.4413, 0.3202



54.2723, 0.3979, 0.3743



15.7771, 0.3282, 0.3274



10.1703, 0.6324, 0.3257



0.8524, 0.6136, 0.3154

Inverse Universe

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



40.0432, 0.4097, 0.3215



39.1016, 0.4413, 0.3202



52.9622, 0.2486, 0.2781



15.7771, 0.3282, 0.3274



10.1703, 0.6324, 0.3257



0.8524, 0.6136, 0.3154

Previews

White Background



This preview shows how the Yxy color 40.0412, 0.4097, 0.3215 looks on a white background.

Color Contrast Check

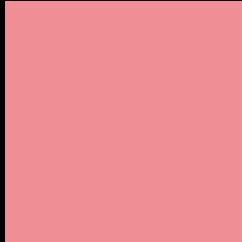
Large Text (above 18pt) WCAG AA × Fail

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 40.0412, 0.4097, 0.3215 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 40.0412, 0.4097, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 40.0412, 0.4097, 0.3215.



This preview shows how white text looks on a background with the Yxy color 40.0412, 0.4097, 0.3215.

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

40.0412, 0.4097, 0.3215

Protanopia

40.1702, 0.3225, 0.3359

Deuteranopia

40.1974, 0.3603, 0.3542



Tritanopia

40.1383, 0.4064, 0.3181

Trichromacy



Original Color

40.0412, 0.4097, 0.3215

Protanomaly

39.4416, 0.3522, 0.3291

Deuteranomaly

39.7011, 0.3782, 0.3417

Tritanomaly

40.1056, 0.4075, 0.3193

Monochromacy



Original Color

40.0412, 0.4097, 0.3215

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0404, 0.3450, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0412, 0.4097, 0.3215 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, 142, 149)` looks like.

```
.text, #text, p{  
    color:rgb(240, 142, 149)  
}
```

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, 142, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 142, 149) }
```

Border

The CSS property to change the border of an element to Yxy 40.0412, 0.4097, 0.3215 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, 142, 149) }
```

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

```
.border{ border-color:rgb(240, 142, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 142, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 142, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 142, 149);  
box-shadow:4px 4px 4px 4px rgb(240, 142,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0412, 0.4097, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 142, 149) }
```

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

```
.background{ background-color: rgb(240,  
142, 149) }
```

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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