

Converting Colors

$Y_{xy}(40.2228, 0.3933, 0.2941)$

Have a look what the booklet for
Yxy(40.2228, 0.3933, 0.2941)
contains.

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Color

Yxy(40.2061, 0.3931, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	F589AA
RGB	245, 137, 170
RGB Percent	96%, 54%, 67%
CMY	0.0391, 0.4628, 0.3333
CMYK	0.00, 0.44, 0.31, 0.04
HSL	342°, 84%, 75%
HSV	342°, 44%, 96%
XYZ	53.8685, 40.2061, 42.9605
YIQ	173.0540, 53.7750, 33.1590

Conversions

Conversions Part 2

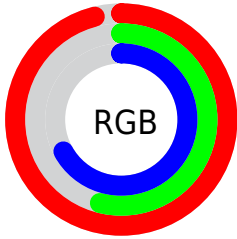
Format	Color
R _Y B	245, 137, 170
Decimal	16091562
CIE Lab	69.62, 44.74, 0.92
CIE LCh	70, 44.754, 1.183
Yxy	40.2061, 0.3931, 0.2934
Android (android.graphics.Color)	4294281642 (0xFFFF589AA)
YUV	173.0540, -1.5056, 63.0966
Hunter-Lab	63.4083, 40.6802, 4.2155

Details

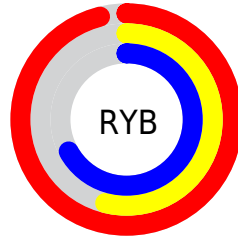
The Yxy color **40.2061, 0.3931, 0.2934** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.3975, 0.2687, 0.3692**, and the grayscale version is **41.8057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3955, 0.3382, 0.2956**, and **18.0878, 0.4170, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **33.4133, 0.4223, 0.2864**, and if you desaturate by 10%, it is **48.6678, 0.3684, 0.3015**.

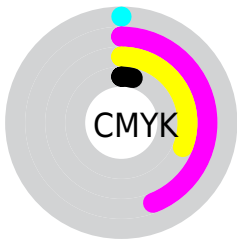
Distribution



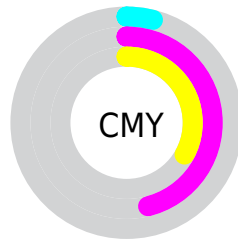
- Red (96%)
- Green (54%)
- Blue (67%)



- Red (96%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2061, 0.3931, 0.2934 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 40.2061, 0.3931, 0.2934 by changing the saturation by 10% instead.


 40.2061, 0.3931,
0.2934


 40.2061, 0.3931,
0.2934


346.9915, 0.3520,
0.3117

 27.6993, 0.4036,
0.2887


 75.4773, 0.3780,
0.3002

 18.0991, 0.4173,
0.2826


 99.0104, 0.3723,
0.3027

 11.0212, 0.4356,
0.2743


 126.9877, 0.3676,
0.3048

 6.0811, 0.4616,
0.2625

159.7937, 0.3636,
0.3066

 2.8944, 0.5008,
0.2446

197.8126, 0.3601,
0.3081

 1.0769, 0.5661,
0.2146


241.4290, 0.3570,


 0.0000, 1.0000,


0.3095


0.0000

291.0271, 0.3544,
0.3107


 0.0000, 0.0000,
0.0000

 40.2061, 0.3931,
0.2934


 40.2061, 0.3931,
0.2934


 33.4133, 0.4223,
0.2864


 48.6678, 0.3684,
0.3015


 28.1717, 0.4556,
0.2814


 58.8938, 0.3479,
0.3099


 24.3580, 0.4917,
0.2798

 70.9791, 0.3312,
0.3181

 21.8267, 0.5281,
0.2826

 85.0104, 0.3175,
0.3259

 20.4011, 0.5613,
0.2901

 98.1592, 0.3066,
0.3290

■ 19.9261, 0.5786,
0.2961

Harmonies

Analogous

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



40.2061, 0.3277, 0.2547



40.2061, 0.3931, 0.2934



40.2061, 0.4361, 0.3413

Triad

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



40.2061, 0.3931, 0.2934



40.2061, 0.3517, 0.4495



40.2061, 0.1983, 0.2500

Complementary

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



40.2061, 0.3931, 0.2934



75.3975, 0.2687, 0.3692

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.



40.2061, 0.2030, 0.2967



40.2061, 0.3931, 0.2934



40.2061, 0.2880, 0.4244

Square

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



40.2061, 0.3931, 0.2934



40.2061, 0.4080, 0.4326



40.2061, 0.2342, 0.3631



40.2061, 0.2193, 0.2290

Rectangle

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



40.2061, 0.3931, 0.2934



40.2061, 0.4436, 0.3746



40.2061, 0.2342, 0.3631



40.2061, 0.1970, 0.2627

Sweetspot

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



40.2081, 0.3931, 0.2934



79.2483, 0.3296, 0.3190



38.3030, 0.2877, 0.2109



16.2866, 0.3329, 0.3172



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.



40.2081, 0.3931, 0.2934



37.2362, 0.4192, 0.2870



45.2681, 0.4201, 0.3509



16.5659, 0.3245, 0.3218



10.7525, 0.5744, 0.2938



0.9626, 0.5390, 0.2743

Inverse Universe

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



40.2081, 0.3931, 0.2934



37.2362, 0.4192, 0.2870



65.8848, 0.2490, 0.3051



16.5659, 0.3245, 0.3218



10.7525, 0.5744, 0.2938



0.9626, 0.5390, 0.2743

Previews

White Background



This preview shows how the Yxy color 40.2061, 0.3931, 0.2934 looks on a white background.

Color Contrast Check

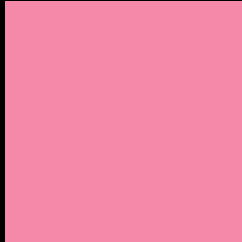
Large Text (above 18pt) WCAG AA × Fail

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 40.2061, 0.3931, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

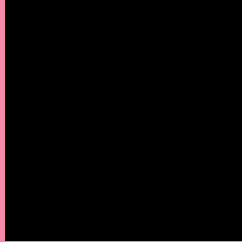
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2061, 0.3931, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 40.2061, 0.3931, 0.2934.



This preview shows how white text looks on a background with the Yxy color 40.2061, 0.3931, 0.2934.

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

40.2061, 0.3931, 0.2934

Protanopia

40.3749, 0.2955, 0.3019

Deuteranopia

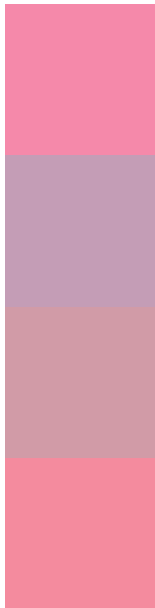
40.4457, 0.3355, 0.3291



Tritanopia

40.0452, 0.4113, 0.3172

Trichromacy



Original Color

40.2061, 0.3931, 0.2934

Protanomaly

39.2271, 0.3277, 0.2971

Deuteranomaly

39.7880, 0.3552, 0.3142

Tritanomaly

40.1670, 0.4049, 0.3085

Monochromacy



Original Color

40.2061, 0.3931, 0.2934

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.2623, 0.3395, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2061, 0.3931, 0.2934 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(245, 137, 170)` looks like.

```
.text, #text, p{  
    color:rgb(245, 137, 170)  
}
```

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(245, 137, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 137, 170) }
```

Border

The CSS property to change the border of an element to Yxy 40.2061, 0.3931, 0.2934 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(245, 137, 170) }
```

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

```
.border{ border-color:rgb(245, 137, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 137, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 137, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 137, 170);  
box-shadow:4px 4px 4px 4px rgb(245, 137,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2061, 0.3931, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 137, 170) }
```

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

```
.background{ background-color: rgb(245,  
137, 170) }
```

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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