

Converting Colors

$Y_{xy}(39.9757, 0.4293, 0.3295)$

Have a look what the booklet for
Yxy(39.9757, 0.4293, 0.3295)
contains.

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Color

Yxy(40.1035, 0.4291, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	F78B8B
RGB	247, 139, 139
RGB Percent	97%, 55%, 55%
CMY	0.0313, 0.4549, 0.4548
CMYK	0.00, 0.44, 0.44, 0.03
HSL	360°, 87%, 76%
HSV	360°, 44%, 97%
XYZ	52.2576, 40.1035, 29.4230
YIQ	171.2920, 64.3680, 22.8960

Conversions

Conversions Part 2

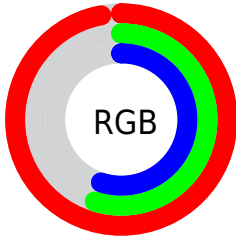
Format	Color
R _Y B	247, 139, 139
Decimal	16223115
CIE Lab	69.54, 40.89, 18.19
CIE LCh	70, 44.754, 23.976
Yxy	40.1035, 0.4291, 0.3293
Android (android.graphics.Color)	4294413195 (0xFFFF78B8B)
YUV	171.2920, -15.9200, 66.3959
Hunter-Lab	63.3273, 36.4749, 16.7819

Details

The Yxy color **40.1035, 0.4291, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.7365, 0.2535, 0.3289**, and the grayscale version is **40.9379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6493, 0.3645, 0.3312**, and **17.9416, 0.4648, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **33.1004, 0.4725, 0.3294**, and if you desaturate by 10%, it is **48.8895, 0.3923, 0.3292**.

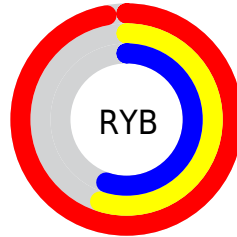
Distribution



Red (97%)

Green (55%)

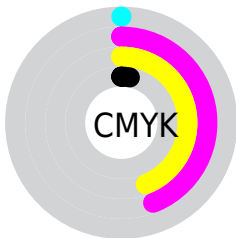
Blue (55%)



Red (97%)

Yellow (55%)

Blue (55%)

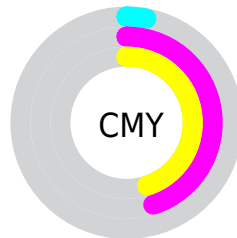


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (3%)



Cyan (3%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1035, 0.4291, 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 40.1035, 0.4291, 0.3293 by changing the saturation by 10% instead.


 40.1035, 0.4291,
0.3293


 40.1035, 0.4291,
0.3293

346.5596, 0.3689,
0.3314


 27.6193, 0.4446,
0.3280


 75.3211, 0.4069,
0.3306

 18.0388, 0.4646,
0.3258


 98.8232, 0.3986,
0.3310

 10.9779, 0.4914,
0.3221


 126.7668, 0.3917,
0.3312

 6.0520, 0.5288,
0.3154

159.5361, 0.3858,
0.3313

 2.8767, 0.5837,
0.3020

197.5157, 0.3807,
0.3314

 1.0677, 0.7103,
0.2897

241.0899, 0.3762,


 0.0000, 1.0000,


0.3314


0.0000


290.6431, 0.3724,
0.3314


 0.0000, 0.0000,
0.0000

 40.1035, 0.4291,
0.3293

 40.1035, 0.4291,
0.3293


 33.1004, 0.4725,
0.3294


 48.8895, 0.3923,
0.3292


 27.7529, 0.5203,
0.3296


 59.5623, 0.3622,
0.3291


 23.9263, 0.5678,
0.3297


 72.2251, 0.3381,
0.3291

 21.4628, 0.6073,
0.3298

 86.9718, 0.3189,
0.3290

 20.1694, 0.6320,
0.3299

 98.5178, 0.3078,
0.3290

 19.7780, 0.6400,
0.3300

Harmonies

Analogous

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



40.1035, 0.3786, 0.2830



40.1035, 0.4291, 0.3293



40.1035, 0.4433, 0.3793

Triad

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



40.1035, 0.4291, 0.3293



40.1035, 0.3030, 0.4346



40.1035, 0.2119, 0.2317

Complementary

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



40.1035, 0.4291, 0.3293



78.7365, 0.2535, 0.3289

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.



40.1035, 0.1970, 0.2588



40.1035, 0.4291, 0.3293



40.1035, 0.2453, 0.3796

Square

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



40.1035, 0.4291, 0.3293



40.1035, 0.3666, 0.4489



40.1035, 0.2080, 0.3114



40.1035, 0.2515, 0.2290

Rectangle

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



40.1035, 0.4291, 0.3293



40.1035, 0.4307, 0.4105



40.1035, 0.2080, 0.3114



40.1035, 0.2041, 0.2378

Sweetspot

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



40.1055, 0.4291, 0.3293



78.6894, 0.3366, 0.3291



44.6315, 0.3162, 0.2213



16.1506, 0.3414, 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.



40.1055, 0.4291, 0.3293



36.6937, 0.4649, 0.3294



58.9929, 0.4026, 0.3849



16.4826, 0.3294, 0.3290



10.4580, 0.6400, 0.3300



0.9192, 0.6399, 0.3299

Inverse Universe

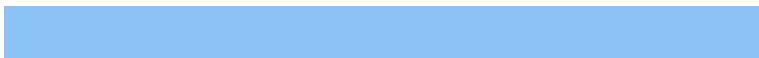
The Inverse Universe completely reimagines the original color for something new.



40.1055, 0.4291, 0.3293



36.6937, 0.4649, 0.3294



51.1484, 0.2425, 0.2644



16.4826, 0.3294, 0.3290



10.4580, 0.6400, 0.3300



0.9192, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 40.1035, 0.4291, 0.3293 looks on a white background.

Color Contrast Check

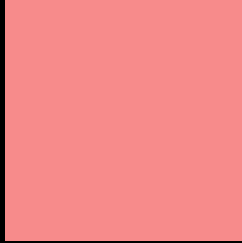
Large Text (above 18pt) WCAG AA × Fail

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 40.1035, 0.4291, 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 40.1035, 0.4291, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 40.1035, 0.4291, 0.3293.



This preview shows how white text looks on a background with the Yxy color 40.1035, 0.4291, 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

40.1035, 0.4291, 0.3293

Protanopia

40.4297, 0.3330, 0.3512

Deuteranopia

40.4423, 0.3739, 0.3670



Tritanopia

40.2715, 0.4204, 0.3186

Trichromacy



Original Color

40.1035, 0.4291, 0.3293

Protanomaly

39.5228, 0.3651, 0.3421

Deuteranomaly

39.8192, 0.3939, 0.3526

Tritanomaly

40.1778, 0.4238, 0.3218

Monochromacy



Original Color

40.1035, 0.4291, 0.3293

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.4416, 0.3522, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1035, 0.4291, 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(247, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 139, 139) }
```

Border

The CSS property to change the border of an element to Yxy 40.1035, 0.4291, 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(247, 139, 139) }
```

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

```
.border{ border-color:rgb(247, 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(247, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(247, 139,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1035, 0.4291, 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(247, 139, 139) }
```

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

```
.background{ background-color: rgb(247,  
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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