

Converting Colors

$Y_{xy}(39.6442, 0.4471, 0.3294)$

Have a look what the booklet for
Yxy(39.6442, 0.4471, 0.3294)
contains.

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Color

Yxy(39.7285, 0.4466, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	FF8585
RGB	255, 133, 133
RGB Percent	100%, 52%, 52%
CMY	0.0000, 0.4784, 0.4785
CMYK	0.00, 0.48, 0.48, 0.00
HSL	0°, 100%, 76%
HSV	0°, 48%, 100%
XYZ	53.8638, 39.7285, 27.0163
YIQ	169.4780, 72.7120, 25.8640

Conversions

Conversions Part 2

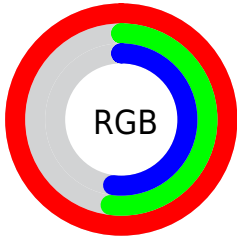
Format	Color
R_{YB}	255, 133, 133
Decimal	16745861
CIE _{Lab}	69.28, 46.20, 21.35
CIE _{LCh}	69, 50.895, 24.804
Yxy	39.7285, 0.4466, 0.3294
Android (android.graphics.Color)	4294935941 (0xFFFF8585)
YUV	169.4780, -17.9837, 75.0028
Hunter-Lab	63.0305, 42.2368, 18.7083

Details

The Yxy color **39.7285, 0.4466, 0.3294** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.7203, 0.2493, 0.3288**, and the grayscale version is **39.9881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7716, 0.3711, 0.3313**, and **17.8467, 0.4859, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **32.9523, 0.4923, 0.3295**, and if you desaturate by 10%, it is **48.3698, 0.4069, 0.3293**.

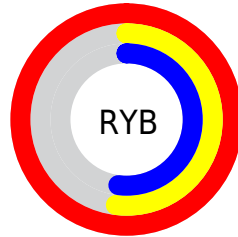
Distribution



Red (100%)

Green (52%)

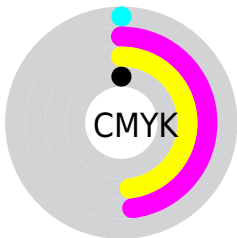
Blue (52%)



Red (100%)

Yellow (52%)

Blue (52%)

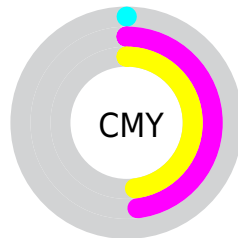


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7285, 0.4466, 0.3294 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 39.7285, 0.4466, 0.3294 by changing the saturation by 10% instead.


 39.7285, 0.4466,
0.3294


 39.7285, 0.4466,
0.3294


344.9779, 0.3774,
0.3323

 27.3269, 0.4643,
0.3276


 74.7499, 0.4211,
0.3312

 17.8189, 0.4871,
0.3248


 98.1385, 0.4116,
0.3316

 10.8200, 0.5174,
0.3199


 125.9583, 0.4036,
0.3319

 5.9460, 0.5592,
0.3110

158.5936, 0.3968,
0.3321

 2.8122, 0.6192,
0.2939

196.4288, 0.3909,
0.3322

 1.0345, 0.7330,
0.2670

239.8483, 0.3858,


 0.0000, 1.0000,

0.3323


0.0000


289.2366, 0.3813,
0.3323


 0.0000, 0.0000,
0.0000


 39.7285, 0.4466,
0.3294


 39.7285, 0.4466,
0.3294


 32.9523, 0.4923,
0.3295


 48.3698, 0.4069,
0.3293


 27.9043, 0.5409,
0.3297


 59.0000, 0.3740,
0.3292

 24.4280, 0.5860,
0.3298

 71.7320, 0.3475,
0.3291

 22.3393, 0.6199,
0.3299

 86.6704, 0.3263,
0.3290

 21.3916, 0.6375,
0.3300

100.0000, 0.3127,
0.3290

■ 21.2604, 0.6401,
0.3300

Harmonies

Analogous

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



39.7285, 0.3896, 0.2782



39.7285, 0.4466, 0.3294



39.7285, 0.4606, 0.3849

Triad

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



39.7285, 0.4466, 0.3294



39.7285, 0.2984, 0.4502



39.7285, 0.2006, 0.2192

Complementary

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



39.7285, 0.4466, 0.3294



83.7203, 0.2493, 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.



39.7285, 0.1833, 0.2476



39.7285, 0.4466, 0.3294



39.7285, 0.2344, 0.3848

Square

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



39.7285, 0.4466, 0.3294



39.7285, 0.3702, 0.4661



39.7285, 0.1942, 0.3058



39.7285, 0.2449, 0.2175

Rectangle

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



39.7285, 0.4466, 0.3294



39.7285, 0.4446, 0.4203



39.7285, 0.1942, 0.3058



39.7285, 0.1918, 0.2254

Sweetspot

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



39.7284, 0.4466, 0.3294



77.2113, 0.3387, 0.3291



45.2528, 0.3182, 0.2127



15.8598, 0.3435, 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.



39.7284, 0.4466, 0.3294



33.4569, 0.4883, 0.3295



61.5350, 0.4126, 0.3921



17.9873, 0.3295, 0.3291



11.1091, 0.6401, 0.3300



1.0817, 0.6401, 0.3300

Inverse Universe

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



83.7203, 0.2493, 0.3288



82.0259, 0.2413, 0.3288



50.7876, 0.2354, 0.2543



20.4813, 0.2980, 0.3290



41.1374, 0.2247, 0.3287



4.0055, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 39.7285, 0.4466, 0.3294 looks on a white background.

Color Contrast Check

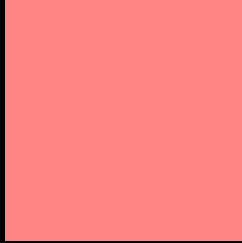
Large Text (above 18pt) WCAG AA × Fail

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 39.7285, 0.4466, 0.3294 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 39.7285, 0.4466, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 39.7285, 0.4466, 0.3294.



This preview shows how white text looks on a background with the Yxy color 39.7285, 0.4466, 0.3294.

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

39.7285, 0.4466, 0.3294

Protanopia

39.9251, 0.3368, 0.3555

Deuteranopia

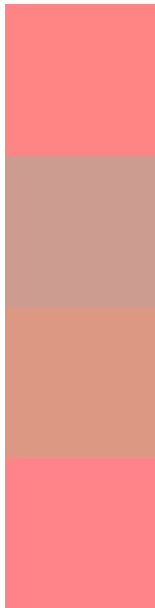
40.0323, 0.3820, 0.3747



Tritanopia

39.6856, 0.4380, 0.3201

Trichromacy



Original Color

39.7285, 0.4466, 0.3294

Protanomaly

38.7697, 0.3742, 0.3446

Deuteranomaly

39.2838, 0.4056, 0.3558

Tritanomaly

39.5975, 0.4414, 0.3232

Monochromacy



Original Color

39.7285, 0.4466, 0.3294

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.4566, 0.3570, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7285, 0.4466, 0.3294 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(255, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 133)  
}
```

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(255, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 133) }
```

Border

The CSS property to change the border of an element to Yxy 39.7285, 0.4466, 0.3294 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(255, 133, 133) }
```

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

```
.border{ border-color:rgb(255, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7285, 0.4466, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 133) }
```

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

```
.background{ background-color: rgb(255,  
133, 133) }
```

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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