

Converting Colors

$Y_{xy}(38.9296, 0.4483, 0.3265)$

Have a look what the booklet for
Yxy(38.9296, 0.4483, 0.3265)
contains.

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Color

Yxy(38.9187, 0.4482, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	FF8285
RGB	255, 130, 133
RGB Percent	100%, 51%, 52%
CMY	0.0000, 0.4902, 0.4783
CMYK	0.00, 0.49, 0.48, 0.00
HSL	359°, 100%, 75%
HSV	359°, 49%, 100%
XYZ	53.4580, 38.9187, 26.8960
YIQ	167.7170, 73.5370, 27.4330

Conversions

Conversions Part 2

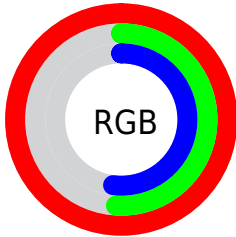
Format	Color
R _Y B	255, 130, 133
Decimal	16745093
CIE Lab	68.69, 47.67, 20.53
CIE LCh	69, 51.906, 23.301
Yxy	38.9187, 0.4482, 0.3263
Android (android.graphics.Color)	4294935173 (0xFFFF8285)
YUV	167.7170, -17.1155, 76.5472
Hunter-Lab	62.3849, 43.7845, 18.1077

Details

The Yxy color **38.9187, 0.4482, 0.3263** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2927, 0.2495, 0.3323**, and the grayscale version is **39.0726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5031, 0.3720, 0.3281**, and **17.2783, 0.4891, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **32.3483, 0.4935, 0.3261**, and if you desaturate by 10%, it is **47.3366, 0.4087, 0.3267**.

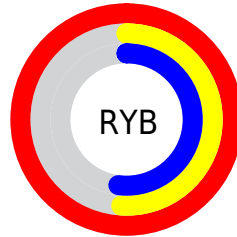
Distribution



Red (100%)

Green (51%)

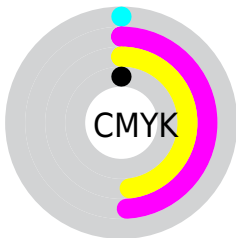
Blue (52%)



Red (100%)

Yellow (51%)

Blue (52%)

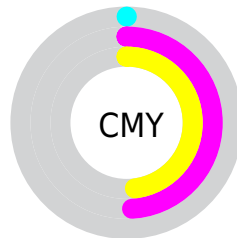


Cyan (0%)

Magenta (49%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9187, 0.4482, 0.3263 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 38.9187, 0.4482, 0.3263 by changing the saturation by 10% instead.

 38.9187, 0.4482,
0.3263


 38.9187, 0.4482,
0.3263


341.5447, 0.3779,
0.3307


 26.6965, 0.4662,
0.3242


 73.5141, 0.4222,
0.3287

 17.3454, 0.4895,
0.3208


 96.6561, 0.4126,
0.3293

 10.4811, 0.5205,
0.3152


 124.2068, 0.4045,
0.3298

 5.7191, 0.5634,
0.3054

156.5506, 0.3976,
0.3301

 2.6750, 0.6254,
0.2869

194.0719, 0.3916,
0.3304

 0.9645, 0.7426,
0.2574

237.1551, 0.3865,


 0.0000, 1.0000,

0.3305


0.0000

286.1845, 0.3819,
0.3306

 0.0000, 0.0000,
0.0000


 38.9187, 0.4482,
0.3263


 38.9187, 0.4482,
0.3263


 32.3483, 0.4935,
0.3261


 47.3366, 0.4087,
0.3267


 27.4812, 0.5415,
0.3263


 57.7199, 0.3759,
0.3273

 24.1618, 0.5860,
0.3269


 70.1841, 0.3494,
0.3279

 22.2033, 0.6195,
0.3280

 84.8338, 0.3281,
0.3285

 21.3332, 0.6372,
0.3290

100.0000, 0.3127,
0.3290

 21.2735, 0.6384,
0.3290

Harmonies

Analogous

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



38.9187, 0.3878, 0.2745



38.9187, 0.4482, 0.3263



38.9187, 0.4648, 0.3829

Triad

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



38.9187, 0.4482, 0.3263



38.9187, 0.3014, 0.4560



38.9187, 0.1965, 0.2173

Complementary

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



38.9187, 0.4482, 0.3263



83.2927, 0.2495, 0.3323

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.



38.9187, 0.1803, 0.2476



38.9187, 0.4482, 0.3263



38.9187, 0.2351, 0.3905

Square

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



38.9187, 0.4482, 0.3263



38.9187, 0.3748, 0.4691



38.9187, 0.1928, 0.3086



38.9187, 0.2403, 0.2145

Rectangle

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



38.9187, 0.4482, 0.3263



38.9187, 0.4496, 0.4194



38.9187, 0.1928, 0.3086



38.9187, 0.1880, 0.2241

Sweetspot

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



38.9207, 0.4482, 0.3263



75.8020, 0.3403, 0.3281



43.6647, 0.3146, 0.2089



15.5843, 0.3449, 0.3280



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.



38.9207, 0.4482, 0.3263



32.3586, 0.4934, 0.3261



58.9818, 0.4181, 0.3894



17.9942, 0.3291, 0.3285



11.1190, 0.6376, 0.3286



1.0850, 0.6318, 0.3254

Inverse Universe

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



38.9207, 0.4482, 0.3263



32.3586, 0.4934, 0.3261



51.7483, 0.2346, 0.2574



17.9942, 0.3291, 0.3285



11.1190, 0.6376, 0.3286



1.0850, 0.6318, 0.3254

Previews

White Background



This preview shows how the Yxy color 38.9187, 0.4482, 0.3263 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 38.9187, 0.4482, 0.3263 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 38.9187, 0.4482, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 38.9187, 0.4482, 0.3263.



This preview shows how white text looks on a background with the Yxy color 38.9187, 0.4482, 0.3263.

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

38.9187, 0.4482, 0.3263

Protanopia

38.9858, 0.3343, 0.3515

Deuteranopia

39.0540, 0.3809, 0.3725



Tritanopia

38.8246, 0.4418, 0.3191

Trichromacy



Original Color

38.9187, 0.4482, 0.3263



Protanomaly

37.9622, 0.3739, 0.3421



Deuteranomaly

38.4845, 0.4056, 0.3535



Tritanomaly

38.7667, 0.4441, 0.3212

Monochromacy



Original Color

38.9187, 0.4482, 0.3263



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

37.7571, 0.3585, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9187, 0.4482, 0.3263 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, 130, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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, 130, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 133) }
```

Border

The CSS property to change the border of an element to Yxy 38.9187, 0.4482, 0.3263 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, 130, 133) }
```

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

```
.border{ border-color:rgb(255, 130, 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, 130, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9187, 0.4482, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 133) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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