

Converting Colors

$Y_{xy}(59.8792, 0.5170, 0.3317)$

Have a look what the booklet for
Yxy(59.8792, 0.5170, 0.3317)
contains.

Yxy(39.3475, 0.4517, 0.3325)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3475, 0.4517, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	FF8481
RGB	255, 132, 129
RGB Percent	100%, 52%, 51%
CMY	0.0000, 0.4823, 0.4942
CMYK	0.00, 0.48, 0.49, 0.00
HSL	1°, 100%, 75%
HSV	1°, 49%, 100%
XYZ	53.4534, 39.3475, 25.5374
YIQ	168.4350, 74.2710, 25.1430

Conversions

Conversions Part 2

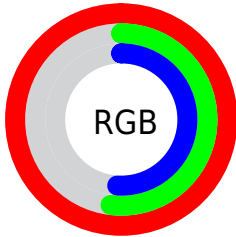
Format	Color
R_{YB}	255, 132, 129
Decimal	16745601
CIE _{Lab}	69.00, 46.32, 23.22
CIE _{LCh}	69, 51.817, 26.618
Yxy	39.3475, 0.4517, 0.3325
Android (android.graphics.Color)	4294935681 (0xFFFF8481)
YUV	168.4350, -19.4415, 75.9175
Hunter-Lab	62.7276, 42.3358, 19.7714

Details

The Yxy color **39.3475, 0.4517, 0.3325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.4858, 0.2471, 0.3253**, and the grayscale version is **39.4530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1780, 0.3749, 0.3344**, and **17.6405, 0.4931, 0.3283** is the 20% darker color. If you saturate the color by 10%, you get **32.7895, 0.4974, 0.3330**, and if you desaturate by 10%, it is **47.6870, 0.4116, 0.3318**.

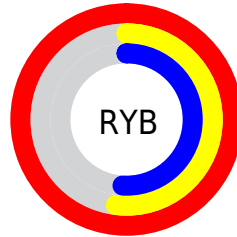
Distribution



Red (100%)

Green (52%)

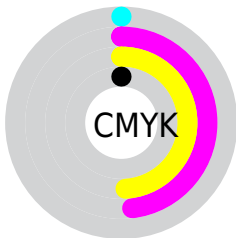
Blue (51%)



Red (100%)

Yellow (52%)

Blue (51%)

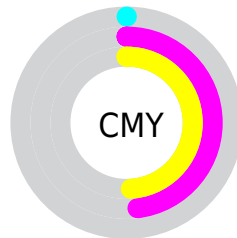


Cyan (0%)

Magenta (48%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3475, 0.4517, 0.3325 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 39.3475, 0.4517, 0.3325 by changing the saturation by 10% instead.


 39.3475, 0.4517,
0.3325

 39.3475, 0.4517,
0.3325


343.3657, 0.3798,
0.3341


 27.0302, 0.4701,
0.3309


 74.1689, 0.4252,
0.3339

 17.5959, 0.4937,
0.3282


 97.4417, 0.4153,
0.3342

 10.6602, 0.5250,
0.3234


 125.1352, 0.4070,
0.3344

 5.8389, 0.5679,
0.3143

157.6337, 0.3999,
0.3344

 2.7473, 0.6307,
0.2972

195.3216, 0.3938,
0.3344

 1.0013, 0.7353,
0.2647

238.5833, 0.3885,

 0.0000, 1.0000,

0.3343

0.0000

287.8032, 0.3839,
0.3342

■ 0.0000, 0.0000,
0.0000

■ 39.3475, 0.4517,
0.3325

■ 39.3475, 0.4517,
0.3325

■ 32.7895, 0.4974,
0.3330

■ 47.6870, 0.4116,
0.3318

■ 27.8797, 0.5453,
0.3331

■ 57.9203, 0.3782,
0.3311

■ 24.4730, 0.5893,
0.3327

■ 70.1551, 0.3510,
0.3303

■ 22.3971, 0.6216,
0.3318

■ 84.4902, 0.3292,
0.3296

■ 21.4277, 0.6382,
0.3309

100.0000, 0.3127,
0.3290

■ 21.3932, 0.6389,
0.3309

Harmonies

Analogous

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



39.3475, 0.3956, 0.2800



39.3475, 0.4517, 0.3325



39.3475, 0.4628, 0.3889

Triad

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



39.3475, 0.4517, 0.3325



39.3475, 0.2935, 0.4503



39.3475, 0.2005, 0.2163

Complementary

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



39.3475, 0.4517, 0.3325



81.4858, 0.2471, 0.3253

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.



39.3475, 0.1813, 0.2432



39.3475, 0.4517, 0.3325



39.3475, 0.2294, 0.3811

Square

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



39.3475, 0.4517, 0.3325



39.3475, 0.3668, 0.4696



39.3475, 0.1905, 0.3006



39.3475, 0.2471, 0.2162

Rectangle

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



39.3475, 0.4517, 0.3325



39.3475, 0.4447, 0.4248



39.3475, 0.1905, 0.3006



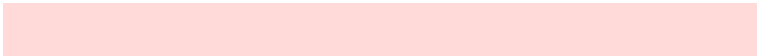
39.3475, 0.1910, 0.2221

Sweetspot

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



39.3489, 0.4517, 0.3325



76.2287, 0.3408, 0.3300



44.0395, 0.3201, 0.2111



15.6852, 0.3455, 0.3302



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.



39.3489, 0.4517, 0.3325



33.0317, 0.4954, 0.3330



61.4671, 0.4157, 0.3960



18.0570, 0.3294, 0.3296



11.2087, 0.6384, 0.3313



1.1149, 0.6344, 0.3345

Inverse Universe

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



81.4858, 0.2471, 0.3253



79.4282, 0.2388, 0.3246



48.6633, 0.2324, 0.2486



20.4020, 0.2980, 0.3284



39.1643, 0.2226, 0.3214



3.8361, 0.2229, 0.3223

Previews

White Background



This preview shows how the Yxy color 39.3475, 0.4517, 0.3325 looks on a white background.

Color Contrast Check

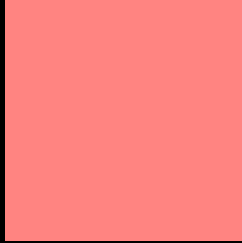
Large Text (above 18pt) WCAG AA × Fail

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 39.3475, 0.4517, 0.3325 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 39.3475, 0.4517, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 39.3475, 0.4517, 0.3325.



This preview shows how white text looks on a background with the Yxy color 39.3475, 0.4517, 0.3325.

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

39.3475, 0.4517, 0.3325

Protanopia

39.4277, 0.3406, 0.3598

Deuteranopia

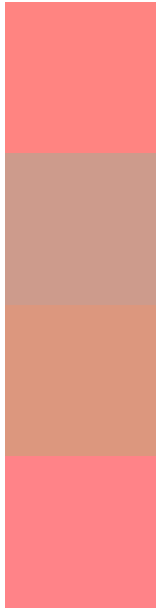
39.5753, 0.3863, 0.3786



Tritanopia

39.3860, 0.4396, 0.3201

Trichromacy



Original Color

39.3475, 0.4517, 0.3325

Protanomaly

38.3153, 0.3786, 0.3484

Deuteranomaly

38.8552, 0.4102, 0.3594

Tritanomaly

39.2702, 0.4442, 0.3243

Monochromacy



Original Color

39.3475, 0.4517, 0.3325

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.0551, 0.3593, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3475, 0.4517, 0.3325 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, 132, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 129)  
}
```

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, 132, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 129) }
```

Border

The CSS property to change the border of an element to Yxy 39.3475, 0.4517, 0.3325 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, 132, 129) }
```

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

```
.border{ border-color:rgb(255, 132, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3475, 0.4517, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 129) }
```

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

```
.background{ background-color: rgb(255,  
132, 129) }
```

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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