

Converting Colors

$Yxy(60.4543, 0.4287, 0.3276)$

Have a look what the booklet for
Yxy(60.4543, 0.4287, 0.3276)
contains.

Yxy(51.7620, 0.3932, 0.3271)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.7620, 0.3932, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7A9
RGB	255, 167, 169
RGB Percent	100%, 65%, 66%
CMY	0.0000, 0.3451, 0.3371
CMYK	0.00, 0.35, 0.34, 0.00
HSL	359°, 100%, 83%
HSV	359°, 35%, 100%
XYZ	62.2220, 51.7620, 44.2612
YIQ	193.5400, 51.8060, 19.2780

Conversions

Conversions Part 2

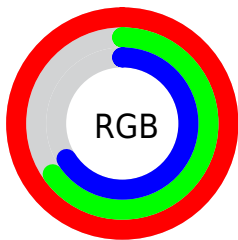
Format	Color
R _Y B	255, 167, 169
Decimal	16754601
CIE Lab	77.14, 32.69, 12.43
CIE LCh	77, 34.973, 20.815
Yxy	51.7620, 0.3932, 0.3271
Android (android.graphics.Color)	4294944681 (0xFFFFA7A9)
YUV	193.5400, -12.0982, 53.9004
Hunter-Lab	71.9458, 28.4697, 13.8868

Details

The Yxy color **51.7620, 0.3932, 0.3271** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.8258, 0.2647, 0.3311**, and the grayscale version is **53.7151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4172, 0.3349, 0.3281**, and **25.0547, 0.4153, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **42.4758, 0.4297, 0.3266**, and if you desaturate by 10%, it is **63.0734, 0.3633, 0.3277**.

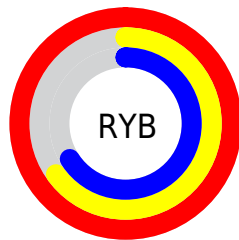
Distribution



Red (100%)

Green (65%)

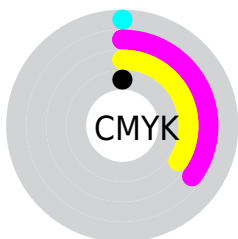
Blue (66%)



Red (100%)

Yellow (65%)

Blue (66%)

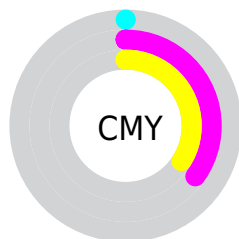


Cyan (0%)

Magenta (35%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7620, 0.3932, 0.3271 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 51.7620, 0.3932, 0.3271 by changing the saturation by 10% instead.

 51.7620, 0.3932,
0.3271


 51.7620, 0.3932,
0.3271


393.5171, 0.3533,
0.3291

 36.8154, 0.4030,
0.3263


 92.7801, 0.3788,
0.3280

 25.0646, 0.4155,
0.3252


 119.6205, 0.3734,
0.3283

 16.1252, 0.4319,
0.3233


151.1942, 0.3687,
0.3285

 9.6128, 0.4544,
0.3204

187.8857, 0.3648,
0.3287

 5.1430, 0.4868,
0.3150

230.0793, 0.3613,
0.3288

 2.3314, 0.5369,
0.3044

278.1595, 0.3583,

 0.7903, 0.6908,

0.3289

0.3092

332.5106, 0.3556,
0.3290

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7620, 0.3932,
0.3271

51.7620, 0.3932,
0.3271

42.4758, 0.4297,
0.3266

63.0734, 0.3633,
0.3277

35.0884, 0.4727,
0.3263

76.5117, 0.3392,
0.3282

29.4709, 0.5201,
0.3263

92.1808, 0.3200,
0.3288

25.4753, 0.5671,
0.3267

99.9999, 0.3127,
0.3290

■ 22.9296, 0.6064,
0.3276

■ 21.6230, 0.6313,
0.3288

■ 21.2727, 0.6385,
0.3291

Harmonies

Analogous

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



51.7620, 0.3556, 0.2921



51.7620, 0.3932, 0.3271



51.7620, 0.4072, 0.3648

Triad

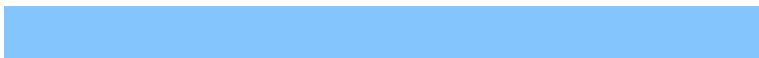
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.7620, 0.3932, 0.3271



51.7620, 0.3121, 0.4050



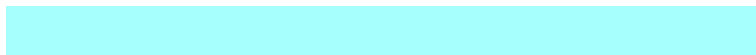
51.7620, 0.2358, 0.2588

Complementary

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



51.7620, 0.3932, 0.3271



86.8258, 0.2647, 0.3311

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.



51.7620, 0.2265, 0.2824



51.7620, 0.3932, 0.3271



51.7620, 0.2683, 0.3697

Square

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



51.7620, 0.3932, 0.3271



51.7620, 0.3581, 0.4141



51.7620, 0.2378, 0.3227



51.7620, 0.2643, 0.2538

Rectangle

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



51.7620, 0.3932, 0.3271



51.7620, 0.4009, 0.3876



51.7620, 0.2378, 0.3227



51.7620, 0.2305, 0.2646

Sweetspot

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



51.7645, 0.3932, 0.3271



83.2938, 0.3300, 0.3285



55.5667, 0.3144, 0.2425



17.3652, 0.3328, 0.3284



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.



51.7645, 0.3932, 0.3271



45.5117, 0.4161, 0.3268



69.1953, 0.3802, 0.3717



17.9938, 0.3291, 0.3285



11.1185, 0.6377, 0.3287



1.0848, 0.6322, 0.3256

Inverse Universe

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



51.7645, 0.3932, 0.3271



45.5117, 0.4161, 0.3268



63.4961, 0.2575, 0.2818



17.9938, 0.3291, 0.3285



11.1185, 0.6377, 0.3287



1.0848, 0.6322, 0.3256

Previews

White Background



This preview shows how the Yxy color 51.7620, 0.3932, 0.3271 looks on a white background.

Color Contrast Check

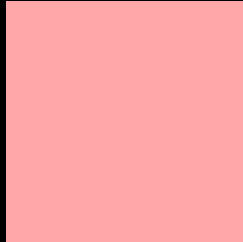
Large Text (above 18pt) WCAG AA × Fail

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 51.7620, 0.3932, 0.3271 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 51.7620, 0.3932, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 51.7620, 0.3932, 0.3271.



This preview shows how white text looks on a background with the Yxy color 51.7620, 0.3932, 0.3271.

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

51.7620, 0.3932, 0.3271

Protanopia

52.0334, 0.3255, 0.3402

Deuteranopia

51.9396, 0.3572, 0.3505



Tritanopia

51.7468, 0.3849, 0.3166

Trichromacy



Original Color

51.7620, 0.3932, 0.3271



Protanomaly

51.5356, 0.3483, 0.3350



Deuteranomaly

51.6197, 0.3697, 0.3417



Tritanomaly

51.6276, 0.3878, 0.3197

Monochromacy



Original Color

51.7620, 0.3932, 0.3271



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.3827, 0.3394, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7620, 0.3932, 0.3271 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, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 169)  
}
```

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, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 169) }
```

Border

The CSS property to change the border of an element to Yxy 51.7620, 0.3932, 0.3271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

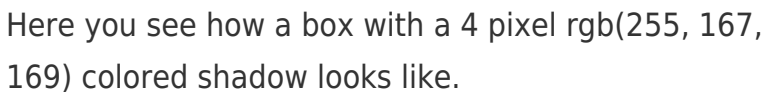
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 167, 169) }
```

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

```
.border{ border-color:rgb(255, 167, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 167, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 167, 169); box-shadow:4px 4px 4px 4px rgb(255, 167, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7620, 0.3932, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 169) }
```

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

```
.background{ background-color: rgb(255,  
167, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor