

Converting Colors

$Yxy(62.7758, 0.4377, 0.3295)$

Have a look what the booklet for
Yxy(62.7758, 0.4377, 0.3295)
contains.

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Color

Yxy(51.6875, 0.3952, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7A7
RGB	255, 167, 167
RGB Percent	100%, 65%, 65%
CMY	0.0000, 0.3452, 0.3450
CMYK	0.00, 0.35, 0.35, 0.00
HSL	360°, 100%, 83%
HSV	360°, 35%, 100%
XYZ	62.0501, 51.6875, 43.2718
YIQ	193.3120, 52.4480, 18.6560

Conversions

Conversions Part 2

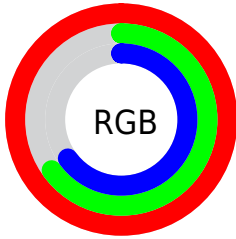
Format	Color
R _Y B	255, 167, 167
Decimal	16754599
CIE Lab	77.09, 32.48, 13.46
CIE LCh	77, 35.163, 22.512
Yxy	51.6875, 0.3952, 0.3292
Android (android.graphics.Color)	4294944679 (0xFFFFA7A7)
YUV	193.3120, -12.9718, 54.1004
Hunter-Lab	71.8940, 28.2448, 14.6402

Details

The Yxy color **51.6875, 0.3952, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.9505, 0.2638, 0.3289**, and the grayscale version is **53.5676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3093, 0.3363, 0.3301**, and **25.0082, 0.4180, 0.3280** is the 20% darker color. If you saturate the color by 10%, you get **42.3893, 0.4326, 0.3293**, and if you desaturate by 10%, it is **62.9969, 0.3645, 0.3291**.

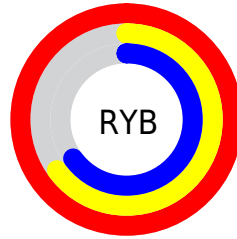
Distribution



Red (100%)

Green (65%)

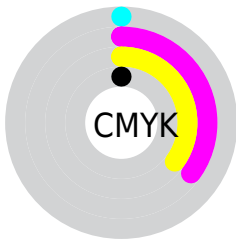
Blue (65%)



Red (100%)

Yellow (65%)

Blue (65%)

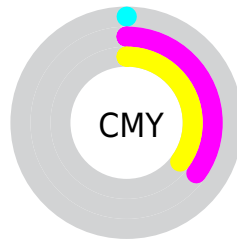


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6875, 0.3952, 0.3292 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 51.6875, 0.3952, 0.3292 by changing the saturation by 10% instead.


 51.6875, 0.3952,
0.3292


 51.6875, 0.3952,
0.3292


393.2290, 0.3543,
0.3302

 36.7560, 0.4053,
0.3286

 92.6702, 0.3804,
0.3298

 25.0187, 0.4181,
0.3277


 119.4902, 0.3748,
0.3300

 16.0910, 0.4349,
0.3262


151.0419, 0.3701,
0.3301

 9.5885, 0.4579,
0.3235

187.7097, 0.3660,
0.3302

 5.1270, 0.4910,
0.3186

229.8779, 0.3625,
0.3302

 2.3220, 0.5421,
0.3082

277.9309, 0.3594,

 0.7853, 0.6902,

0.3302

0.3098

332.2531, 0.3567,
0.3302

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6875, 0.3952,
0.3292

51.6875, 0.3952,
0.3292

42.3893, 0.4326,
0.3293

62.9969, 0.3645,
0.3291

35.0071, 0.4765,
0.3294

76.4521, 0.3399,
0.3291

29.4005, 0.5247,
0.3296

92.1469, 0.3202,
0.3290

25.4202, 0.5718,
0.3297

100.0000, 0.3127,
0.3290

■ 22.8928, 0.6103,
0.3298

■ 21.6054, 0.6334,
0.3299

■ 21.2602, 0.6400,
0.3300

Harmonies

Analogous

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



51.6875, 0.3584, 0.2937



51.6875, 0.3952, 0.3292



51.6875, 0.4077, 0.3670

Triad

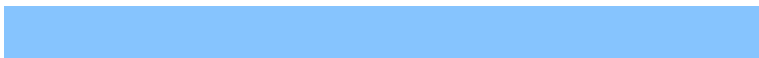
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.6875, 0.3952, 0.3292



51.6875, 0.3094, 0.4041



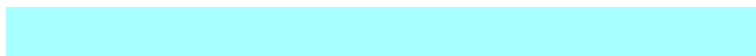
51.6875, 0.2366, 0.2576

Complementary

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



51.6875, 0.3952, 0.3292



86.9505, 0.2638, 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.



51.6875, 0.2260, 0.2803



51.6875, 0.3952, 0.3292



51.6875, 0.2659, 0.3674

Square

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



51.6875, 0.3952, 0.3292



51.6875, 0.3559, 0.4149



51.6875, 0.2362, 0.3201



51.6875, 0.2662, 0.2537

Rectangle

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



51.6875, 0.3952, 0.3292



51.6875, 0.4004, 0.3896



51.6875, 0.2362, 0.3201



51.6875, 0.2308, 0.2631

Sweetspot

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



51.6793, 0.3951, 0.3292



83.2615, 0.3304, 0.3290



55.8316, 0.3156, 0.2428



17.3575, 0.3333, 0.3290



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.



51.6793, 0.3951, 0.3292



45.4346, 0.4186, 0.3293



69.9062, 0.3797, 0.3732



17.9872, 0.3295, 0.3290



11.1090, 0.6400, 0.3299



1.0817, 0.6399, 0.3299

Inverse Universe

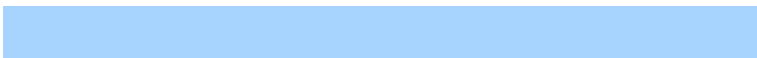
The Inverse Universe completely reimagines the original color for something new.



51.6793, 0.3951, 0.3292



45.4346, 0.4186, 0.3293



62.7478, 0.2572, 0.2800



17.9872, 0.3295, 0.3290



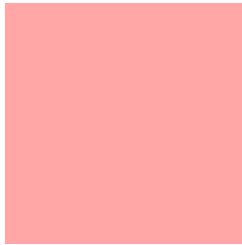
11.1090, 0.6400, 0.3299



1.0817, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 51.6875, 0.3952, 0.3292 looks on a white background.

Color Contrast Check

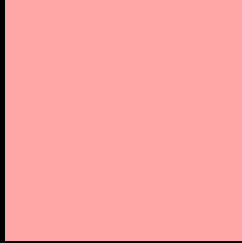
Large Text (above 18pt) WCAG AA × Fail

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 51.6875, 0.3952, 0.3292 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 51.6875, 0.3952, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 51.6875, 0.3952, 0.3292.



This preview shows how white text looks on a background with the Yxy color 51.6875, 0.3952, 0.3292.

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

51.6875, 0.3952, 0.3292

Protanopia

51.9519, 0.3270, 0.3427

Deuteranopia

52.0214, 0.3598, 0.3528



Tritanopia

51.7468, 0.3849, 0.3166

Trichromacy



Original Color

51.6875, 0.3952, 0.3292



Protanomaly

51.4565, 0.3500, 0.3374



Deuteranomaly

51.7132, 0.3724, 0.3440



Tritanomaly

51.5884, 0.3888, 0.3208

Monochromacy



Original Color

51.6875, 0.3952, 0.3292



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.3406, 0.3402, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6875, 0.3952, 0.3292 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, 167)` looks like.

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

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, 167) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 51.6875, 0.3952, 0.3292 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, 167) }
```

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

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

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, 167)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 51.6875, 0.3952, 0.3292 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, 167) }
```

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

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

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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