

Converting Colors

Yxy(51.5317, 0.3992, 0.3309)

Have a look what the booklet for
Yxy(51.5317, 0.3992, 0.3309)
contains.

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Color

Yxy(51.2490, 0.3975, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6A5
RGB	255, 166, 165
RGB Percent	100%, 65%, 65%
CMY	0.0000, 0.3491, 0.3530
CMYK	0.00, 0.35, 0.35, 0.00
HSL	1°, 100%, 82%
HSV	1°, 35%, 100%
XYZ	61.6757, 51.2490, 42.2343
YIQ	192.4970, 53.3650, 18.5570

Conversions

Conversions Part 2

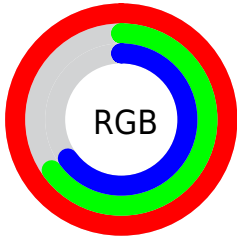
Format	Color
R _Y B	255, 166, 165
Decimal	16754341
CIE Lab	76.83, 32.75, 14.19
CIE LCh	77, 35.690, 23.432
Yxy	51.2490, 0.3975, 0.3303
Android (android.graphics.Color)	4294944421 (0xFFFFA6A5)
YUV	192.4970, -13.5560, 54.8151
Hunter-Lab	71.5884, 28.5037, 15.1332

Details

The Yxy color **51.2490, 0.3975, 0.3303** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.1027, 0.2627, 0.3278**, and the grayscale version is **53.0707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6699, 0.3379, 0.3311**, and **24.7383, 0.4213, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **42.1217, 0.4352, 0.3307**, and if you desaturate by 10%, it is **62.3516, 0.3665, 0.3299**.

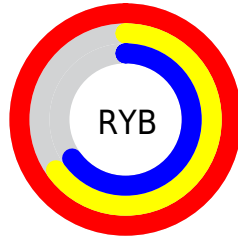
Distribution



Red (100%)

Green (65%)

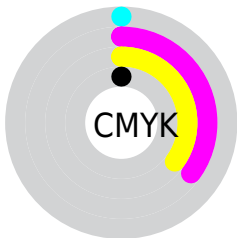
Blue (65%)



Red (100%)

Yellow (65%)

Blue (65%)

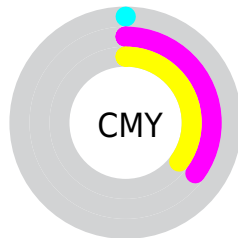


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2490, 0.3975, 0.3303 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 51.2490, 0.3975, 0.3303 by changing the saturation by 10% instead.

 51.2490, 0.3975,
0.3303

 51.2490, 0.3975,
0.3303


391.5304, 0.3553,
0.3309

 36.4068, 0.4079,
0.3298


 92.0227, 0.3823,
0.3308

 24.7485, 0.4211,
0.3290


 118.7231, 0.3765,
0.3309

 15.8898, 0.4384,
0.3275

150.1449, 0.3717,
0.3309

 9.4462, 0.4622,
0.3250

186.6726, 0.3675,
0.3310

 5.0334, 0.4964,
0.3200

228.6907, 0.3638,
0.3310

 2.2668, 0.5490,
0.3093

276.5834, 0.3607,

 0.7561, 0.6941,

0.3309

0.3059

330.7352, 0.3578,
0.3309

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2490, 0.3975,
0.3303

51.2490, 0.3975,
0.3303

42.1217, 0.4352,
0.3307

62.3516, 0.3665,
0.3299

34.8636, 0.4792,
0.3310

75.5472, 0.3415,
0.3295

29.3426, 0.5272,
0.3312

90.9316, 0.3216,
0.3292

25.4135, 0.5739,
0.3312

100.0000, 0.3127,
0.3290

■ 22.9080, 0.6116,
0.3309

■ 21.6195, 0.6339,
0.3304

■ 21.3214, 0.6395,
0.3304

Harmonies

Analogous

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



51.2490, 0.3606, 0.2941



51.2490, 0.3975, 0.3303



51.2490, 0.4093, 0.3687

Triad

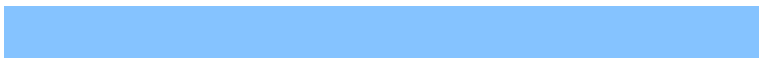
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.2490, 0.3975, 0.3303



51.2490, 0.3078, 0.4048



51.2490, 0.2359, 0.2560

Complementary

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



51.2490, 0.3975, 0.3303



86.1027, 0.2627, 0.3278

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.



51.2490, 0.2246, 0.2784



51.2490, 0.3975, 0.3303



51.2490, 0.2638, 0.3667

Square

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



51.2490, 0.3975, 0.3303



51.2490, 0.3552, 0.4165



51.2490, 0.2342, 0.3184



51.2490, 0.2666, 0.2526

Rectangle

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



51.2490, 0.3975, 0.3303



51.2490, 0.4013, 0.3915



51.2490, 0.2342, 0.3184



51.2490, 0.2299, 0.2613

Sweetspot

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



51.2455, 0.3975, 0.3303



81.8845, 0.3324, 0.3294



55.3874, 0.3168, 0.2412



17.0892, 0.3352, 0.3294



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.



51.2455, 0.3975, 0.3303



44.9179, 0.4220, 0.3306



70.0675, 0.3811, 0.3757



18.0193, 0.3294, 0.3293



11.1549, 0.6393, 0.3306



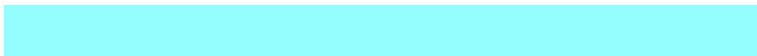
1.0970, 0.6374, 0.3321

Inverse Universe

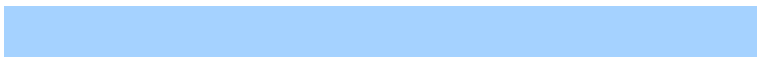
The Inverse Universe completely reimagines the original color for something new.



86.1027, 0.2627, 0.3278



84.2705, 0.2550, 0.3275



61.3097, 0.2557, 0.2769



20.4448, 0.2980, 0.3287



40.2226, 0.2237, 0.3254



3.9270, 0.2238, 0.3258

Previews

White Background



This preview shows how the Yxy color 51.2490, 0.3975, 0.3303 looks on a white background.

Color Contrast Check

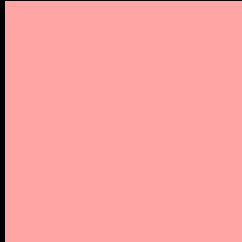
Large Text (above 18pt) WCAG AA × Fail

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 51.2490, 0.3975, 0.3303 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 51.2490, 0.3975, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 51.2490, 0.3975, 0.3303.



This preview shows how white text looks on a background with the Yxy color 51.2490, 0.3975, 0.3303.

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

51.2490, 0.3975, 0.3303

Protanopia

51.3053, 0.3279, 0.3440

Deuteranopia

51.3810, 0.3609, 0.3541



Tritanopia

51.3446, 0.3862, 0.3166

Trichromacy



Original Color

51.2490, 0.3975, 0.3303



Protanomaly

50.8166, 0.3511, 0.3386



Deuteranomaly

51.0775, 0.3737, 0.3452



Tritanomaly

51.1874, 0.3901, 0.3208

Monochromacy



Original Color

51.2490, 0.3975, 0.3303



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.6914, 0.3412, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2490, 0.3975, 0.3303 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, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 165)  
}
```

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, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 165) }
```

Border

The CSS property to change the border of an element to Yxy 51.2490, 0.3975, 0.3303 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, 166, 165) }
```

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

```
.border{ border-color:rgb(255, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2490, 0.3975, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 165) }
```

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

```
.background{ background-color: rgb(255,  
166, 165) }
```

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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