

Converting Colors

Yxy(53.5105, 0.3951, 0.3366)

Have a look what the booklet for
Yxy(53.5105, 0.3951, 0.3366)
contains.

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Color

Yxy(53.4817, 0.3952, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	FFACA5
RGB	255, 172, 165
RGB Percent	100%, 67%, 65%
CMY	0.0000, 0.3255, 0.3529
CMYK	0.00, 0.33, 0.35, 0.00
HSL	5°, 100%, 82%
HSV	5°, 35%, 100%
XYZ	62.7925, 53.4817, 42.6138
YIQ	196.0190, 51.7150, 15.4190

Conversions

Conversions Part 2

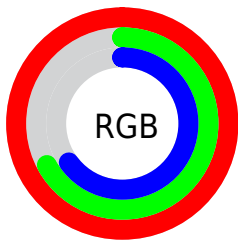
Format	Color
R _Y B	255, 173, 165
Decimal	16755877
CIE Lab	78.16, 29.62, 16.05
CIE LCh	78, 33.685, 28.452
Yxy	53.4817, 0.3952, 0.3366
Android (android.graphics.Color)	4294945957 (0xFFFFACA5)
YUV	196.0190, -15.2924, 51.7263
Hunter-Lab	73.1312, 25.2857, 16.6434

Details

The Yxy color **53.4817, 0.3952, 0.3366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.3648, 0.2618, 0.3211**, and the grayscale version is **55.2805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9141, 0.3370, 0.3371**, and **26.1217, 0.4177, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **44.4667, 0.4311, 0.3387**, and if you desaturate by 10%, it is **64.2603, 0.3654, 0.3344**.

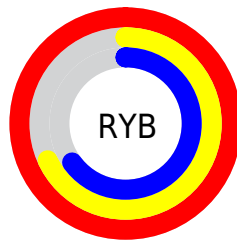
Distribution



Red (100%)

Green (67%)

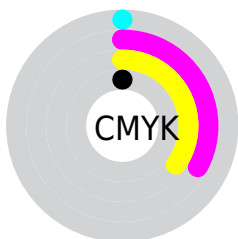
Blue (65%)



Red (100%)

Yellow (68%)

Blue (65%)

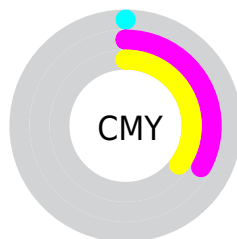


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4817, 0.3952, 0.3366 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 53.4817, 0.3952, 0.3366 by changing the saturation by 10% instead.

 53.4817, 0.3952,
0.3366


 53.4817, 0.3952,
0.3366


400.1305, 0.3545,
0.3341

 38.1874, 0.4051,
0.3368

 95.3128, 0.3806,
0.3360

 26.1282, 0.4177,
0.3369


 122.6185, 0.3750,
0.3357

 16.9196, 0.4342,
0.3367


154.6967, 0.3703,
0.3354

 10.1772, 0.4566,
0.3357

191.9319, 0.3662,
0.3351

 5.5166, 0.4886,
0.3331

234.7085, 0.3627,
0.3348

 2.5534, 0.5372,
0.3261

283.4109, 0.3596,

 0.9033, 0.6682,

0.3346

0.3318

338.4234, 0.3569,
0.3344

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.4817, 0.3952,
0.3366

53.4817, 0.3952,
0.3366

44.4667, 0.4311,
0.3387

64.2603, 0.3654,
0.3344

37.1295, 0.4730,
0.3403

76.8988, 0.3411,
0.3321

31.3638, 0.5189,
0.3410

91.4762, 0.3215,
0.3300

27.0546, 0.5644,
0.3404

100.0000, 0.3127,
0.3290

■ 24.0712, 0.6031,
0.3382

■ 22.2595, 0.6285,
0.3348

■ 21.7529, 0.6358,
0.3334

Harmonies

Analogous

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



53.4817, 0.3642, 0.3017



53.4817, 0.3952, 0.3366



53.4817, 0.4018, 0.3721

Triad

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



53.4817, 0.3952, 0.3366



53.4817, 0.3010, 0.3946



53.4817, 0.2445, 0.2590

Complementary

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



53.4817, 0.3952, 0.3366



82.3648, 0.2618, 0.3211

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.



53.4817, 0.2307, 0.2773



53.4817, 0.3952, 0.3366



53.4817, 0.2614, 0.3567

Square

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



53.4817, 0.3952, 0.3366



53.4817, 0.3455, 0.4103



53.4817, 0.2365, 0.3123



53.4817, 0.2761, 0.2585

Rectangle

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



53.4817, 0.3952, 0.3366



53.4817, 0.3917, 0.3923



53.4817, 0.2365, 0.3123



53.4817, 0.2378, 0.2631

Sweetspot

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



53.4787, 0.3952, 0.3366



82.9121, 0.3322, 0.3312



55.0126, 0.3216, 0.2464



17.3316, 0.3349, 0.3315



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.



53.4787, 0.3952, 0.3366



47.2430, 0.4186, 0.3380



73.0903, 0.3789, 0.3815



18.2134, 0.3293, 0.3309



11.4460, 0.6345, 0.3344



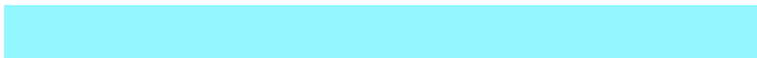
1.1890, 0.6225, 0.3440

Inverse Universe

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



82.3648, 0.2618, 0.3211



79.8377, 0.2537, 0.3194



58.4079, 0.2547, 0.2697



20.2259, 0.2980, 0.3271



34.9834, 0.2179, 0.3045



3.4750, 0.2188, 0.3075

Previews

White Background



This preview shows how the Yxy color 53.4817, 0.3952, 0.3366 looks on a white background.

Color Contrast Check

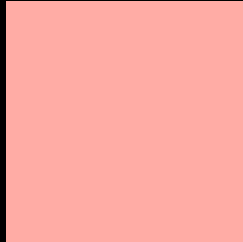
Large Text (above 18pt) WCAG AA × Fail

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 53.4817, 0.3952, 0.3366 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 53.4817, 0.3952, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 53.4817, 0.3952, 0.3366.



This preview shows how white text looks on a background with the Yxy color 53.4817, 0.3952, 0.3366.

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

53.4817, 0.3952, 0.3366

Protanopia

53.6920, 0.3323, 0.3499

Deuteranopia

53.4144, 0.3645, 0.3572



Tritanopia

53.4283, 0.3789, 0.3155

Trichromacy



Original Color

53.4817, 0.3952, 0.3366

Protanomaly

53.0486, 0.3545, 0.3444

Deuteranomaly

53.3543, 0.3759, 0.3495

Tritanomaly

53.5204, 0.3852, 0.3240

Monochromacy



Original Color

53.4817, 0.3952, 0.3366

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.7951, 0.3397, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4817, 0.3952, 0.3366 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, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 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, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 165) }
```

Border

The CSS property to change the border of an element to Yxy 53.4817, 0.3952, 0.3366 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, 172, 165) }
```

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

```
.border{ border-color:rgb(255, 172, 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, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4817, 0.3952, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 165) }
```

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

```
.background{ background-color: rgb(255,  
172, 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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