

Converting Colors

Yxy(53.6428, 0.3972, 0.3399)

Have a look what the booklet for
Yxy(53.6428, 0.3972, 0.3399)
contains.

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Color

Yxy(53.7915, 0.3967, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FFADA3
RGB	255, 173, 163
RGB Percent	100%, 68%, 64%
CMY	0.0000, 0.3216, 0.3609
CMYK	0.00, 0.32, 0.36, 0.00
HSL	7°, 100%, 82%
HSV	7°, 36%, 100%
XYZ	62.7990, 53.7915, 41.7129
YIQ	196.3780, 52.0820, 14.2740

Conversions

Conversions Part 2

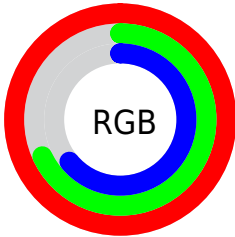
Format	Color
R _Y B	255, 174, 163
Decimal	16756131
CIE Lab	78.34, 28.85, 17.40
CIE LCh	78, 33.689, 31.095
Yxy	53.7915, 0.3967, 0.3398
Android (android.graphics.Color)	4294946211 (0xFFFFADA3)
YUV	196.3780, -16.4554, 51.4115
Hunter-Lab	73.3427, 24.4892, 17.6193

Details

The Yxy color **53.7915, 0.3967, 0.3398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.2981, 0.2603, 0.3177**, and the grayscale version is **55.5148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3606, 0.3382, 0.3401**, and **26.3164, 0.4197, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **44.9801, 0.4323, 0.3427**, and if you desaturate by 10%, it is **64.2659, 0.3670, 0.3367**.

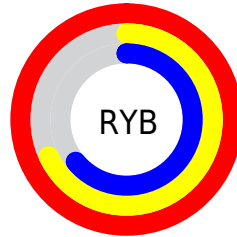
Distribution



Red (100%)

Green (68%)

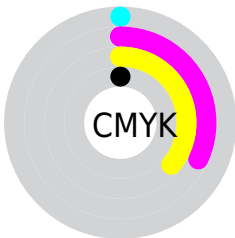
Blue (64%)



Red (100%)

Yellow (68%)

Blue (64%)

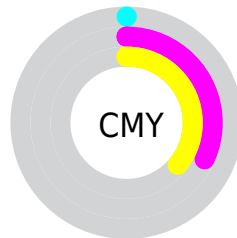


Cyan (0%)

Magenta (32%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7915, 0.3967, 0.3398 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 53.7915, 0.3967, 0.3398 by changing the saturation by 10% instead.


 53.7915, 0.3967,
0.3398


 53.7915, 0.3967,
0.3398


401.3144, 0.3553,
0.3359

 38.4350, 0.4068,
0.3404


 95.7680, 0.3818,
0.3387

 26.3205, 0.4196,
0.3408


 123.1569, 0.3762,
0.3382

 17.0635, 0.4363,
0.3411


155.3253, 0.3714,
0.3377

 10.2798, 0.4589,
0.3408

192.6576, 0.3673,
0.3373

 5.5849, 0.4911,
0.3389

235.5383, 0.3637,
0.3369

 2.5943, 0.5396,
0.3328

284.3517, 0.3605,

 0.9238, 0.6633,

0.3365

339.4823, 0.3578,
0.3362

0.3367

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7915, 0.3967,
0.3398

53.7915, 0.3967,
0.3398

44.9801, 0.4323,
0.3427

64.2659, 0.3670,
0.3367

37.7506, 0.4735,
0.3449

76.4881, 0.3427,
0.3336

32.0074, 0.5184,
0.3459

90.5311, 0.3229,
0.3307

27.6467, 0.5630,
0.3450

100.0000, 0.3127,
0.3290

■ 24.5512, 0.6009,
0.3420

■ 22.5836, 0.6264,
0.3373

■ 22.0793, 0.6330,
0.3356

Harmonies

Analogous

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



53.7915, 0.3676, 0.3046



53.7915, 0.3967, 0.3398



53.7915, 0.4010, 0.3750

Triad

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



53.7915, 0.3967, 0.3398



53.7915, 0.2972, 0.3919



53.7915, 0.2468, 0.2584

Complementary

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



53.7915, 0.3967, 0.3398



80.2981, 0.2603, 0.3177

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.



53.7915, 0.2313, 0.2750



53.7915, 0.3967, 0.3398



53.7915, 0.2586, 0.3527

Square

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



53.7915, 0.3967, 0.3398



53.7915, 0.3417, 0.4099



53.7915, 0.2353, 0.3087



53.7915, 0.2796, 0.2594

Rectangle

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



53.7915, 0.3967, 0.3398



53.7915, 0.3895, 0.3944



53.7915, 0.2353, 0.3087



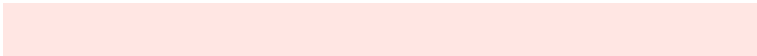
53.7915, 0.2395, 0.2619

Sweetspot

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



53.7899, 0.3967, 0.3398



83.3990, 0.3321, 0.3321



54.0885, 0.3243, 0.2473



17.4466, 0.3348, 0.3325



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.



53.7899, 0.3967, 0.3398



47.5265, 0.4207, 0.3418



74.1459, 0.3796, 0.3857



18.3052, 0.3292, 0.3317



11.6386, 0.6314, 0.3369



1.2323, 0.6159, 0.3492

Inverse Universe

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



80.2981, 0.2603, 0.3177



77.4101, 0.2519, 0.3152



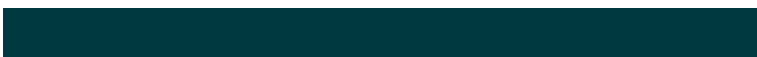
56.2146, 0.2529, 0.2644



20.1236, 0.2980, 0.3263



32.6830, 0.2151, 0.2943



3.2748, 0.2163, 0.2986

Previews

White Background



This preview shows how the Yxy color 53.7915, 0.3967, 0.3398 looks on a white background.

Color Contrast Check

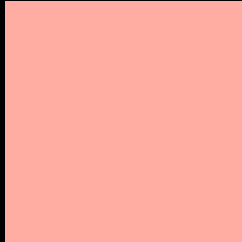
Large Text (above 18pt) WCAG AA × Fail

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 53.7915, 0.3967, 0.3398 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 53.7915, 0.3967, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 53.7915, 0.3967, 0.3398.



This preview shows how white text looks on a background with the Yxy color 53.7915, 0.3967, 0.3398.

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

53.7915, 0.3967, 0.3398

Protanopia

54.2972, 0.3362, 0.3547

Deuteranopia

54.0863, 0.3677, 0.3605



Tritanopia

53.8047, 0.3786, 0.3166

Trichromacy



Original Color

53.7915, 0.3967, 0.3398

Protanomaly

53.5120, 0.3577, 0.3490

Deuteranomaly

53.8620, 0.3782, 0.3528

Tritanomaly

53.8996, 0.3849, 0.3250

Monochromacy



Original Color

53.7915, 0.3967, 0.3398

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1788, 0.3404, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7915, 0.3967, 0.3398 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, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 163)  
}
```

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, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 163) }
```

Border

The CSS property to change the border of an element to Yxy 53.7915, 0.3967, 0.3398 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, 173, 163) }
```

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

```
.border{ border-color:rgb(255, 173, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 173, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7915, 0.3967, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 163) }
```

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

```
.background{ background-color: rgb(255,  
173, 163) }
```

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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