

Converting Colors

Yxy(55.2932, 0.3840, 0.3330)

Have a look what the booklet for
Yxy(55.2932, 0.3840, 0.3330)
contains.

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Color

Yxy(55.3441, 0.3842, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	FDB1AD
RGB	253, 177, 173
RGB Percent	99%, 69%, 68%
CMY	0.0080, 0.3058, 0.3216
CMYK	0.00, 0.30, 0.32, 0.01
HSL	3°, 95%, 84%
HSV	3°, 32%, 99%
XYZ	63.7577, 55.3441, 46.8475
YIQ	199.2680, 46.5800, 14.8680

Conversions

Conversions Part 2

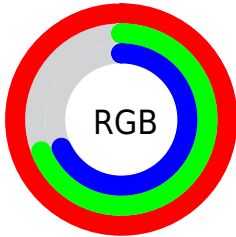
Format	Color
R _Y B	253, 177, 173
Decimal	16626093
CIE Lab	79.24, 27.18, 13.22
CIE LCh	79, 30.222, 25.937
Yxy	55.3441, 0.3842, 0.3335
Android (android.graphics.Color)	4294816173 (0xFFFD B1AD)
YUV	199.2680, -12.9501, 47.1230
Hunter-Lab	74.3936, 22.7914, 14.7392

Details

The Yxy color **55.3441, 0.3842, 0.3335** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.6595, 0.2668, 0.3244**, and the grayscale version is **57.3457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1393, 0.3310, 0.3340**, and **27.3979, 0.4035, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **45.7900, 0.4185, 0.3350**, and if you desaturate by 10%, it is **66.7580, 0.3561, 0.3320**.

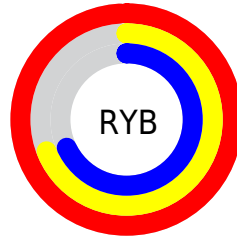
Distribution



Red (99%)

Green (69%)

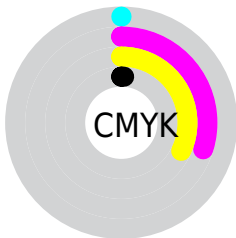
Blue (68%)



Red (99%)

Yellow (69%)

Blue (68%)

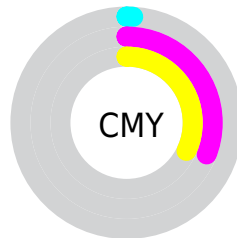


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3441, 0.3842, 0.3335 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 55.3441, 0.3842, 0.3335 by changing the saturation by 10% instead.

 55.3441, 0.3842,
0.3335

 55.3441, 0.3842,
0.3335


407.2150, 0.3491,
0.3322

 39.6773, 0.3927,
0.3336


 98.0449, 0.3716,
0.3332

 27.2870, 0.4035,
0.3335


125.8477, 0.3669,
0.3331

 17.7889, 0.4176,
0.3331


158.4647, 0.3628,
0.3329

 10.7985, 0.4367,
0.3322

196.2801, 0.3593,
0.3328

 5.9315, 0.4640,
0.3301

239.6785, 0.3563,
0.3326

 2.8035, 0.5058,
0.3248

289.0441, 0.3536,

 1.0300, 0.6105,

0.3325

0.3290

344.7615, 0.3512,
0.3323

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3441, 0.3842,
0.3335

55.3441, 0.3842,
0.3335

45.7900, 0.4185,
0.3350

66.7580, 0.3561,
0.3320

37.9899, 0.4591,
0.3362

80.1146, 0.3335,
0.3306

31.8395, 0.5048,
0.3369

95.5013, 0.3153,
0.3292

27.2200, 0.5518,
0.3368

99.6131, 0.3114,
0.3290

■ 23.9971, 0.5939,
0.3357

■ 22.0130, 0.6240,
0.3336

■ 21.1562, 0.6376,
0.3320

Harmonies

Analogous

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



55.3441, 0.3554, 0.3023



55.3441, 0.3842, 0.3335



55.3441, 0.3922, 0.3655

Triad

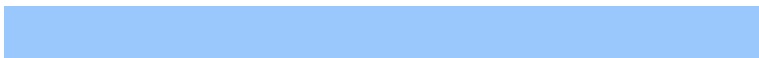
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.3441, 0.3842, 0.3335



55.3441, 0.3059, 0.3887



55.3441, 0.2501, 0.2673

Complementary

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



55.3441, 0.3842, 0.3335



83.6595, 0.2668, 0.3244

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.



55.3441, 0.2390, 0.2854



55.3441, 0.3842, 0.3335



55.3441, 0.2698, 0.3568

Square

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



55.3441, 0.3842, 0.3335



55.3441, 0.3454, 0.4009



55.3441, 0.2459, 0.3177



55.3441, 0.2773, 0.2653

Rectangle

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



55.3441, 0.3842, 0.3335



55.3441, 0.3847, 0.3837



55.3441, 0.2459, 0.3177



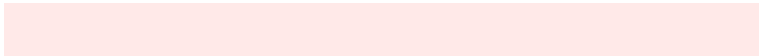
55.3441, 0.2445, 0.2715

Sweetspot

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



55.3467, 0.3842, 0.3335



85.4872, 0.3284, 0.3302



57.5899, 0.3195, 0.2537



17.8300, 0.3312, 0.3304



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.



55.3467, 0.3842, 0.3335



49.9294, 0.4054, 0.3344



73.4967, 0.3712, 0.3746



18.1345, 0.3293, 0.3303



11.3191, 0.6366, 0.3328



1.1517, 0.6284, 0.3393

Inverse Universe

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



83.6595, 0.2668, 0.3244



82.9275, 0.2589, 0.3234



61.5557, 0.2613, 0.2785



20.3144, 0.2980, 0.3277



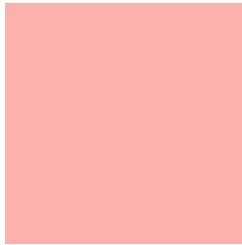
37.0496, 0.2203, 0.3131



3.6539, 0.2208, 0.3150

Previews

White Background



This preview shows how the Yxy color 55.3441, 0.3842, 0.3335 looks on a white background.

Color Contrast Check

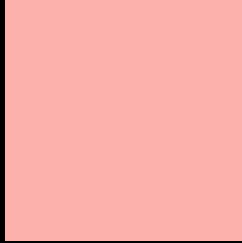
Large Text (above 18pt) WCAG AA × Fail

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 55.3441, 0.3842, 0.3335 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 55.3441, 0.3842, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 55.3441, 0.3842, 0.3335.



This preview shows how white text looks on a background with the Yxy color 55.3441, 0.3842, 0.3335.

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

55.3441, 0.3842, 0.3335

Protanopia

55.5953, 0.3282, 0.3448

Deuteranopia

55.3430, 0.3578, 0.3499



Tritanopia

55.3616, 0.3720, 0.3155

Trichromacy



Original Color

55.3441, 0.3842, 0.3335



Protanomaly

55.0220, 0.3477, 0.3407



Deuteranomaly

55.3386, 0.3668, 0.3437



Tritanomaly

55.5404, 0.3763, 0.3218

Monochromacy



Original Color

55.3441, 0.3842, 0.3335



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

56.0394, 0.3367, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3441, 0.3842, 0.3335 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(253, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(253, 177, 173)  
}
```

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(253, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 177, 173) }
```

Border

The CSS property to change the border of an element to Yxy 55.3441, 0.3842, 0.3335 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(253, 177, 173) }
```

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

```
.border{ border-color:rgb(253, 177, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(253, 177,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3441, 0.3842, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 177, 173) }
```

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

```
.background{ background-color: rgb(253,  
177, 173) }
```

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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