

Converting Colors

Yxy(53.9464, 0.3826, 0.3436)

Have a look what the booklet for
Yxy(53.9464, 0.3826, 0.3436)
contains.

Yxy(53.7905, 0.3832, 0.3434)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.7905, 0.3832, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	F4B2A5
RGB	244, 178, 165
RGB Percent	96%, 70%, 65%
CMY	0.0431, 0.3020, 0.3529
CMYK	0.00, 0.27, 0.32, 0.04
HSL	10°, 78%, 80%
HSV	10°, 32%, 96%
XYZ	60.0248, 53.7905, 42.8256
YIQ	196.2520, 43.5090, 9.9490

Conversions

Conversions Part 2

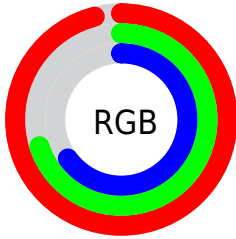
Format	Color
R _Y B	244, 181, 165
Decimal	16036517
CIE Lab	78.34, 22.34, 16.12
CIE LCh	78, 27.549, 35.808
Yxy	53.7905, 0.3832, 0.3434
Android (android.graphics.Color)	4294226597 (0xFFFF4B2A5)
YUV	196.2520, -15.4072, 41.8750
Hunter-Lab	73.3420, 17.7401, 16.7190

Details

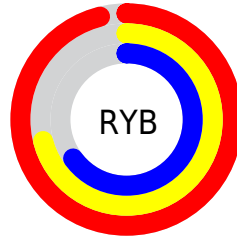
The Yxy color **53.7905, 0.3832, 0.3434** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7054, 0.2646, 0.3140**, and the grayscale version is **55.4382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2729, 0.3362, 0.3430**, and **26.2986, 0.4024, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **45.4668, 0.4151, 0.3479**, and if you desaturate by 10%, it is **63.4951, 0.3565, 0.3387**.

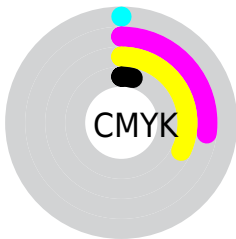
Distribution



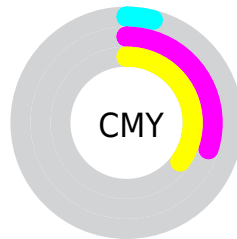
- Red (96%)
- Green (70%)
- Blue (65%)



- Red (96%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (4%)




- Cyan (4%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7905, 0.3832, 0.3434 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 53.7905, 0.3832, 0.3434 by changing the saturation by 10% instead.


 53.7905, 0.3832,
0.3434


 53.7905, 0.3832,
0.3434


401.3106, 0.3484,
0.3373

 38.4342, 0.3917,
0.3446


 95.7666, 0.3707,
0.3415

 26.3199, 0.4024,
0.3459


 123.1551, 0.3660,
0.3406

 17.0631, 0.4165,
0.3473

155.3232, 0.3620,
0.3399

 10.2795, 0.4357,
0.3488

192.6553, 0.3585,
0.3393

 5.5846, 0.4631,
0.3497

235.5356, 0.3555,
0.3387

 2.5942, 0.5051,
0.3486

284.3487, 0.3529,

 0.9238, 0.6291,

0.3382

0.3709

339.4789, 0.3505,
0.3378

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7905, 0.3832,
0.3434

53.7905, 0.3832,
0.3434

45.4668, 0.4151,
0.3479

63.4951, 0.3565,
0.3387

38.4537, 0.4524,
0.3518

74.6315, 0.3345,
0.3342

32.6860, 0.4940,
0.3543

87.2576, 0.3165,
0.3300

28.0900, 0.5373,
0.3546

97.9754, 0.3060,
0.3290

■ 24.5839, 0.5777,
0.3521

■ 22.0751, 0.6094,
0.3465

■ 20.7590, 0.6259,
0.3412

Harmonies

Analogous

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



53.7905, 0.3624, 0.3135



53.7905, 0.3832, 0.3434



53.7905, 0.3836, 0.3718

Triad

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



53.7905, 0.3832, 0.3434



53.7905, 0.2948, 0.3756



53.7905, 0.2617, 0.2697

Complementary

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



53.7905, 0.3832, 0.3434



71.7054, 0.2646, 0.3140

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.



53.7905, 0.2461, 0.2818



53.7905, 0.3832, 0.3434



53.7905, 0.2643, 0.3429

Square

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



53.7905, 0.3832, 0.3434



53.7905, 0.3313, 0.3936



53.7905, 0.2470, 0.3079



53.7905, 0.2910, 0.2725

Rectangle

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



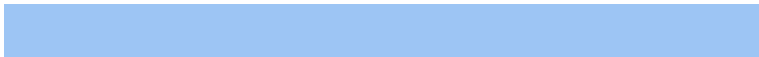
53.7905, 0.3832, 0.3434



53.7905, 0.3725, 0.3861



53.7905, 0.2470, 0.3079



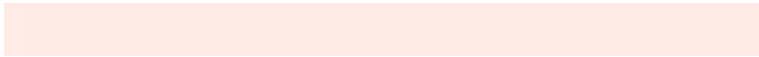
53.7905, 0.2548, 0.2721

Sweetspot

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



53.7930, 0.3832, 0.3434



85.6141, 0.3300, 0.3332



51.9887, 0.3261, 0.2594



17.9211, 0.3327, 0.3338



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.



53.7930, 0.3832, 0.3434



53.1079, 0.4041, 0.3465



71.2520, 0.3702, 0.3836



16.9222, 0.3290, 0.3330



11.4162, 0.6238, 0.3429



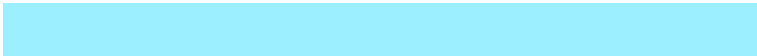
1.1283, 0.6022, 0.3600

Inverse Universe

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



71.7054, 0.2646, 0.3140



75.7778, 0.2557, 0.3104



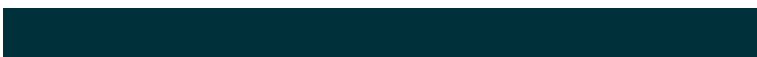
52.5274, 0.2589, 0.2674



18.2671, 0.2980, 0.3250



27.1834, 0.2099, 0.2758



2.5100, 0.2120, 0.2831

Previews

White Background



This preview shows how the Yxy color 53.7905, 0.3832, 0.3434 looks on a white background.

Color Contrast Check

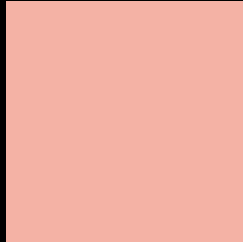
Large Text (above 18pt) WCAG AA × Fail

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 53.7905, 0.3832, 0.3434 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 53.7905, 0.3832, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 53.7905, 0.3832, 0.3434.



This preview shows how white text looks on a background with the Yxy color 53.7905, 0.3832, 0.3434.

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

53.7905, 0.3832, 0.3434

Protanopia

54.2972, 0.3362, 0.3547

Deuteranopia

54.0323, 0.3643, 0.3571



Tritanopia

53.8836, 0.3650, 0.3151

Trichromacy



Original Color

53.7905, 0.3832, 0.3434

Protanomaly

53.7741, 0.3528, 0.3504

Deuteranomaly

53.9502, 0.3705, 0.3520

Tritanomaly

53.7584, 0.3711, 0.3248

Monochromacy



Original Color

53.7905, 0.3832, 0.3434

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0441, 0.3360, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7905, 0.3832, 0.3434 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(244, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(244, 178, 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(244, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 178, 165) }
```

Border

The CSS property to change the border of an element to Yxy 53.7905, 0.3832, 0.3434 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(244, 178, 165) }
```

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

```
.border{ border-color:rgb(244, 178, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 178, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(244, 178,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7905, 0.3832, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 178, 165) }
```

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

```
.background{ background-color: rgb(244,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor