

Converting Colors

Yxy(55.1133, 0.3916, 0.3438)

Have a look what the booklet for
Yxy(55.1133, 0.3916, 0.3438)
contains.

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Color

Yxy(55.2166, 0.3912, 0.3441)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FCB2A4 |
| RGB | 252, 178, 164 |
| RGB Percent | 99%, 70%, 64% |
| CMY | 0.0117, 0.3020, 0.3568 |
| CMYK | 0.00, 0.29, 0.35, 0.01 |
| HSL | 10°, 94%, 82% |
| HSV | 10°, 35%, 99% |
| XYZ | 62.7746, 55.2166, 42.4755 |
| YIQ | 198.5300, 48.5980, 11.3340 |

Conversions

Conversions Part 2

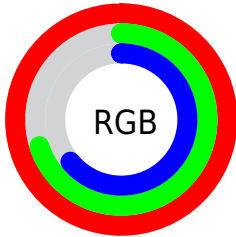
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 252, 181, 164 |
| Decimal | 16560804 |
| CIELab | 79.17, 25.23, 17.94 |
| CIElCh | 79, 30.962, 35.418 |
| Yxy | 55.2166, 0.3912, 0.3441 |
| Android (android.graphics.Color) | 4294750884 (0xFFFCB2A4) |
| YUV | 198.5300, -17.0233, 46.8932 |
| Hunter-Lab | 74.3079, 20.7563, 18.1244 |

Details

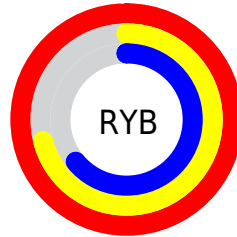
The Yxy color **55.2166, 0.3912, 0.3441** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.1004, 0.2612, 0.3131**, and the grayscale version is **56.8973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2201, 0.3368, 0.3440**, and **27.3064, 0.4130, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **46.6032, 0.4248, 0.3484**, and if you desaturate by 10%, it is **65.3193, 0.3631, 0.3396**.

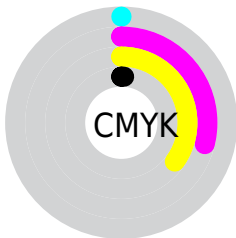
Distribution



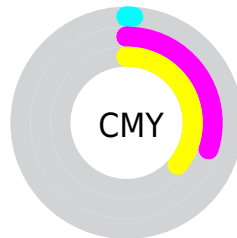
- Red (99%)
- Green (70%)
- Blue (64%)



- Red (99%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (1%)





- Cyan (1%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2166, 0.3912, 0.3441 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 55.2166, 0.3912, 0.3441 by changing the saturation by 10% instead.


 55.2166, 0.3912,
0.3441

 55.2166, 0.3912,
0.3441


406.7325, 0.3527,
0.3380

 39.5752, 0.4005,
0.3452


 97.8582, 0.3774,
0.3422

 27.2075, 0.4124,
0.3464


 125.6272, 0.3722,
0.3414

 17.7291, 0.4277,
0.3477


158.2075, 0.3677,
0.3406

 10.7557, 0.4485,
0.3487


195.9835, 0.3639,
0.3400

 5.9028, 0.4780,
0.3489

239.3396, 0.3605,
0.3394

 2.7861, 0.5222,
0.3462

288.6602, 0.3576,

 1.0211, 0.6403,

0.3389

0.3597

344.3297, 0.3550,
0.3384

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2166, 0.3912,
0.3441

55.2166, 0.3912,
0.3441

46.6032, 0.4248,
0.3484

65.3193, 0.3631,
0.3396

39.4007, 0.4636,
0.3518

76.9691, 0.3398,
0.3352

33.5358, 0.5063,
0.3538

90.2303, 0.3208,
0.3310

28.9248, 0.5496,
0.3534

99.4409, 0.3109,
0.3290

■ 25.4749, 0.5883,
0.3500

■ 23.0792, 0.6168,
0.3438

■ 22.2208, 0.6269,
0.3405

Harmonies

Analogous

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



55.2166, 0.3677, 0.3112



55.2166, 0.3912, 0.3441



55.2166, 0.3918, 0.3757

Triad

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



55.2166, 0.3912, 0.3441



55.2166, 0.2931, 0.3817



55.2166, 0.2558, 0.2634

Complementary

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



55.2166, 0.3912, 0.3441



76.1004, 0.2612, 0.3131

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.



55.2166, 0.2389, 0.2766



55.2166, 0.3912, 0.3441



55.2166, 0.2593, 0.3448

Square

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



55.2166, 0.3912, 0.3441



55.2166, 0.3337, 0.4015



55.2166, 0.2401, 0.3056



55.2166, 0.2880, 0.2664

Rectangle

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



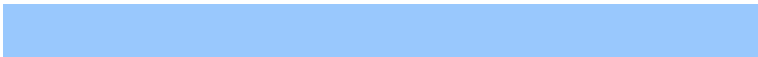
55.2166, 0.3912, 0.3441



55.2166, 0.3794, 0.3921



55.2166, 0.2401, 0.3056



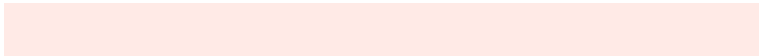
55.2166, 0.2483, 0.2660

Sweetspot

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



55.2192, 0.3912, 0.3441



85.5352, 0.3300, 0.3331



53.4773, 0.3275, 0.2538



17.9022, 0.3327, 0.3336



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.



55.2192, 0.3912, 0.3441



50.2737, 0.4145, 0.3472



75.2121, 0.3755, 0.3881



17.6703, 0.3290, 0.3328



11.7078, 0.6247, 0.3422



1.2095, 0.6047, 0.3581

Inverse Universe

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



76.1004, 0.2612, 0.3131



74.6482, 0.2521, 0.3094



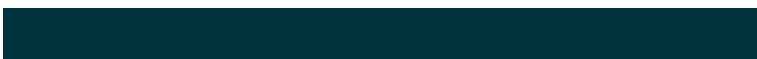
53.8720, 0.2542, 0.2615



19.1113, 0.2980, 0.3251



28.3630, 0.2104, 0.2776



2.7488, 0.2123, 0.2843

Previews

White Background



This preview shows how the Yxy color 55.2166, 0.3912, 0.3441 looks on a white background.

Color Contrast Check

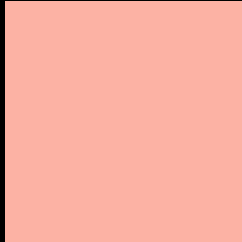
Large Text (above 18pt) WCAG AA × Fail

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 55.2166, 0.3912, 0.3441 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 55.2166, 0.3912, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 55.2166, 0.3912, 0.3441.



This preview shows how white text looks on a background with the Yxy color 55.2166, 0.3912, 0.3441.

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

55.2166, 0.3912, 0.3441

Protanopia

55.4761, 0.3375, 0.3570

Deuteranopia

55.3347, 0.3671, 0.3602



Tritanopia

54.9738, 0.3723, 0.3145

Trichromacy



Original Color

55.2166, 0.3912, 0.3441



Protanomaly

54.8271, 0.3561, 0.3513



Deuteranomaly

55.1751, 0.3755, 0.3538



Tritanomaly

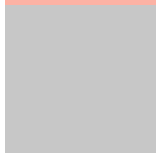
54.7973, 0.3794, 0.3250

Monochromacy



Original Color

55.2166, 0.3912, 0.3441



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7122, 0.3391, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2166, 0.3912, 0.3441 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(252, 178, 164)` looks like.

```
.text, #text, p{  
    color:rgb(252, 178, 164)  
}
```

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(252, 178, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 178, 164) }
```

Border

The CSS property to change the border of an element to Yxy 55.2166, 0.3912, 0.3441 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(252, 178, 164) }
```

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

```
.border{ border-color:rgb(252, 178, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 178, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 178, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 178, 164);  
box-shadow:4px 4px 4px 4px rgb(252, 178,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2166, 0.3912, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 178, 164) }
```

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

```
.background{ background-color: rgb(252,  
178, 164) }
```

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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