

Converting Colors

Yxy(55.1917, 0.3751, 0.3458)

Have a look what the booklet for
Yxy(55.1917, 0.3751, 0.3458)
contains.

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Color

Yxy(55.2194, 0.3753, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	F0B7A8
RGB	240, 183, 168
RGB Percent	94%, 72%, 66%
CMY	0.0589, 0.2823, 0.3412
CMYK	0.00, 0.24, 0.30, 0.06
HSL	13°, 71%, 80%
HSV	13°, 30%, 94%
XYZ	59.9301, 55.2194, 44.5364
YIQ	198.3330, 38.7870, 7.4190

Conversions

Conversions Part 2

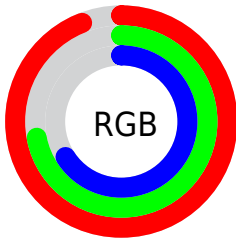
Format	Color
R _Y B	240, 187, 168
Decimal	15775656
CIE Lab	79.17, 18.55, 15.62
CIE LCh	79, 24.248, 40.104
Yxy	55.2194, 0.3753, 0.3458
Android (android.graphics.Color)	4293965736 (0xFFFF0B7A8)
YUV	198.3330, -14.9542, 36.5420
Hunter-Lab	74.3098, 13.9165, 16.4823

Details

The Yxy color **55.2194, 0.3753, 0.3458** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4347, 0.2675, 0.3114**, and the grayscale version is **56.7604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3207, 0.3336, 0.3449**, and **27.2935, 0.3925, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **47.0963, 0.4049, 0.3516**, and if you desaturate by 10%, it is **64.5694, 0.3504, 0.3399**.

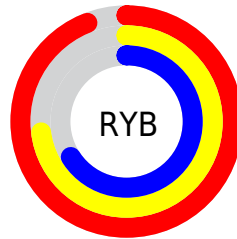
Distribution



Red (94%)

Green (72%)

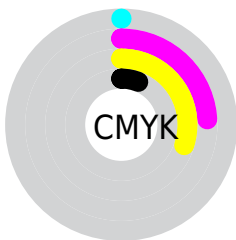
Blue (66%)



Red (94%)

Yellow (73%)

Blue (66%)

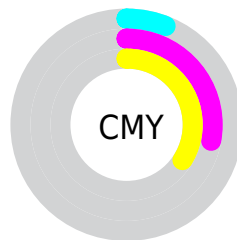


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (6%)



Cyan (6%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2194, 0.3753, 0.3458 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 55.2194, 0.3753, 0.3458 by changing the saturation by 10% instead.

 55.2194, 0.3753,
0.3458


 55.2194, 0.3753,
0.3458


406.7431, 0.3446,
0.3384

 39.5774, 0.3828,
0.3473

 97.8623, 0.3643,
0.3433

 27.2092, 0.3922,
0.3492


 125.6321, 0.3601,
0.3423

 17.7304, 0.4045,
0.3513


158.2132, 0.3566,
0.3415

 10.7566, 0.4213,
0.3538

195.9900, 0.3535,
0.3407

 5.9034, 0.4452,
0.3565

239.3471, 0.3508,
0.3400

 2.7864, 0.4818,
0.3585

288.6687, 0.3485,

 1.0213, 0.6011,

0.3394

0.3939

344.3392, 0.3464,
0.3389

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2194, 0.3753,
0.3458

55.2194, 0.3753,
0.3458

47.0963, 0.4049,
0.3516

64.5694, 0.3504,
0.3399

40.1412, 0.4396,
0.3568

75.1864, 0.3298,
0.3343

34.3019, 0.4785,
0.3607

87.1187, 0.3127,
0.3290

29.5191, 0.5199,
0.3623

97.2618, 0.3035,
0.3290

■ 25.7279, 0.5601,
0.3606

■ 22.8555, 0.5941,
0.3552

■ 20.8124, 0.6184,
0.3472

Harmonies

Analogous

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



55.2194, 0.3595, 0.3192



55.2194, 0.3753, 0.3458



55.2194, 0.3731, 0.3698

Triad

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



55.2194, 0.3753, 0.3458



55.2194, 0.2929, 0.3659



55.2194, 0.2710, 0.2765

Complementary

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



55.2194, 0.3753, 0.3458



68.4347, 0.2675, 0.3114

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.



55.2194, 0.2553, 0.2855



55.2194, 0.3753, 0.3458



55.2194, 0.2674, 0.3367

Square

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



55.2194, 0.3753, 0.3458



55.2194, 0.3247, 0.3838



55.2194, 0.2540, 0.3070



55.2194, 0.2983, 0.2805

Rectangle

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



55.2194, 0.3753, 0.3458



55.2194, 0.3621, 0.3811



55.2194, 0.2540, 0.3070



55.2194, 0.2643, 0.2780

Sweetspot

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



55.2220, 0.3753, 0.3458



87.5660, 0.3280, 0.3338



51.9887, 0.3280, 0.2681



18.3375, 0.3307, 0.3346



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.



55.2220, 0.3753, 0.3458



57.5185, 0.3928, 0.3494



71.6890, 0.3643, 0.3831



16.2935, 0.3288, 0.3340



11.5489, 0.6160, 0.3491



1.0997, 0.5914, 0.3686

Inverse Universe

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



68.4347, 0.2675, 0.3114



74.9217, 0.2590, 0.3073



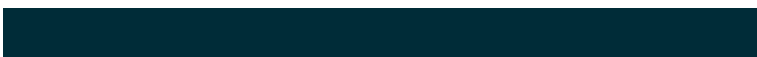
51.2591, 0.2626, 0.2682



17.3358, 0.2981, 0.3240



23.7753, 0.2057, 0.2605



2.1168, 0.2085, 0.2705

Previews

White Background



This preview shows how the Yxy color 55.2194, 0.3753, 0.3458 looks on a white background.

Color Contrast Check

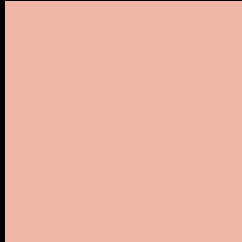
Large Text (above 18pt) WCAG AA × Fail

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 55.2194, 0.3753, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

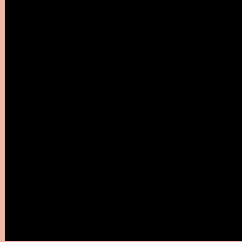
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2194, 0.3753, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 55.2194, 0.3753, 0.3458.



This preview shows how white text looks on a background with the Yxy color 55.2194, 0.3753, 0.3458.

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

55.2194, 0.3753, 0.3458

Protanopia

55.5150, 0.3368, 0.3557

Deuteranopia

55.3540, 0.3621, 0.3545



Tritanopia

55.1451, 0.3570, 0.3140

Trichromacy



Original Color

55.2194, 0.3753, 0.3458

Protanomaly

55.1456, 0.3505, 0.3514

Deuteranomaly

55.3196, 0.3670, 0.3519

Tritanomaly

54.9805, 0.3638, 0.3248

Monochromacy



Original Color

55.2194, 0.3753, 0.3458

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8739, 0.3338, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2194, 0.3753, 0.3458 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(240, 183, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 183, 168)  
}
```

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(240, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 183, 168) }
```

Border

The CSS property to change the border of an element to Yxy 55.2194, 0.3753, 0.3458 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(240, 183, 168) }
```

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

```
.border{ border-color:rgb(240, 183, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 183, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 183, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 183, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 183,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2194, 0.3753, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 183, 168) }
```

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

```
.background{ background-color: rgb(240,  
183, 168) }
```

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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