

Converting Colors

Yxy(55.4380, 0.4183, 0.3749)

Have a look what the booklet for
Yxy(55.4380, 0.4183, 0.3749)
contains.

Yxy(55.2778, 0.4182, 0.3740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.2778, 0.4182, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	FFB388
RGB	255, 179, 136
RGB Percent	100%, 70%, 53%
CMY	0.0000, 0.2981, 0.4666
CMYK	0.00, 0.30, 0.47, 0.00
HSL	22°, 100%, 77%
HSV	22°, 47%, 100%
XYZ	61.8106, 55.2778, 30.7132
YIQ	196.8220, 59.0990, 2.7390

Conversions

Conversions Part 2

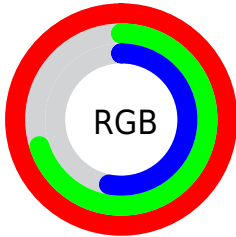
Format	Color
R _Y B	255, 203, 136
Decimal	16757640
CIE Lab	79.20, 22.84, 32.97
CIE LCh	79, 40.113, 55.291
Yxy	55.2778, 0.4182, 0.3740
Android (android.graphics.Color)	4294947720 (0xFFFFB388)
YUV	196.8220, -29.9852, 51.0221
Hunter-Lab	74.3490, 18.2865, 27.5520

Details

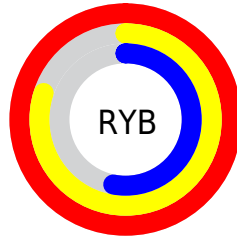
The Yxy color **55.2778, 0.4182, 0.3740** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.5578, 0.2411, 0.2774**, and the grayscale version is **55.8788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3944, 0.3560, 0.3744**, and **27.3294, 0.4454, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **48.4874, 0.4503, 0.3822**, and if you desaturate by 10%, it is **63.0103, 0.3893, 0.3645**.

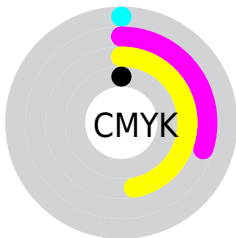
Distribution



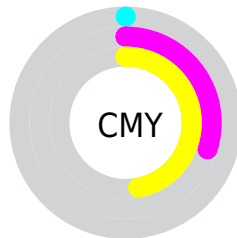
- Red (100%)
- Green (70%)
- Blue (53%)



- Red (100%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2778, 0.4182, 0.3740 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 55.2778, 0.4182, 0.3740 by changing the saturation by 10% instead.


 55.2778, 0.4182,
0.3740


 55.2778, 0.4182,
0.3740


406.9641, 0.3669,
0.3547


 39.6242, 0.4303,
0.3778


 97.9479, 0.4000,
0.3677

 27.2456, 0.4454,
0.3821


 125.7331, 0.3930,
0.3652

 17.7578, 0.4647,
0.3867

 158.3310, 0.3871,
0.3629

 10.7762, 0.4897,
0.3914

196.1259, 0.3819,
0.3609

 5.9166, 0.5230,
0.3946

239.5023, 0.3774,
0.3591

 2.7944, 0.5906,
0.4080

288.8445, 0.3735,

 1.0254, 0.6276,

0.3574

0.3724

344.5370, 0.3700,
0.3560

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2778, 0.4182,
0.3740

55.2778, 0.4182,
0.3740

48.4874, 0.4503,
0.3822

63.0103, 0.3893,
0.3645

42.6026, 0.4845,
0.3878

71.7242, 0.3639,
0.3544

37.5801, 0.5189,
0.3896

81.4531, 0.3421,
0.3445

33.3733, 0.5504,
0.3865

92.2298, 0.3235,
0.3350

■ 29.9293, 0.5762,
0.3781

100.0000, 0.3127,
0.3290

■ 28.9317, 0.5838,
0.3747

Harmonies

Analogous

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



55.2778, 0.4074, 0.3325



55.2778, 0.4182, 0.3740



55.2778, 0.3982, 0.4090

Triad

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



55.2778, 0.4182, 0.3740



55.2778, 0.2566, 0.3672



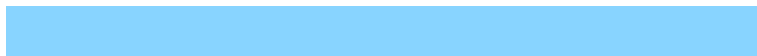
55.2778, 0.2649, 0.2465

Complementary

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



55.2778, 0.4182, 0.3740



59.5578, 0.2411, 0.2774

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.



55.2778, 0.2307, 0.2487



55.2778, 0.4182, 0.3740



55.2778, 0.2260, 0.3138

Square

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



55.2778, 0.4182, 0.3740



55.2778, 0.3037, 0.4109



55.2778, 0.2171, 0.2713



55.2778, 0.3147, 0.2626

Rectangle

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



55.2778, 0.4182, 0.3740



55.2778, 0.3716, 0.4228



55.2778, 0.2171, 0.2713



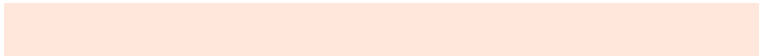
55.2778, 0.2514, 0.2451

Sweetspot

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



55.2769, 0.4182, 0.3740



84.2128, 0.3369, 0.3419



43.6977, 0.3566, 0.2509



17.5441, 0.3411, 0.3440



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.



55.2769, 0.4182, 0.3740



48.9051, 0.4481, 0.3817



83.6957, 0.3895, 0.4289



19.0609, 0.3285, 0.3376



15.3743, 0.5808, 0.3771



1.6954, 0.5592, 0.3942

Inverse Universe

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



59.5578, 0.2411, 0.2774



53.5903, 0.2284, 0.2649



35.5251, 0.2276, 0.2034



19.3132, 0.2980, 0.3202



17.7347, 0.1905, 0.2059



1.9342, 0.1949, 0.2215

Previews

White Background



This preview shows how the Yxy color 55.2778, 0.4182, 0.3740 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 55.2778, 0.4182, 0.3740 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 55.2778, 0.4182, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 55.2778, 0.4182, 0.3740.



This preview shows how white text looks on a background with the Yxy color 55.2778, 0.4182, 0.3740.

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

55.2778, 0.4182, 0.3740

Protanopia

55.3119, 0.3662, 0.3928

Deuteranopia

55.3498, 0.3978, 0.3894



Tritanopia

55.0773, 0.3750, 0.3166

Trichromacy



Original Color

55.2778, 0.4182, 0.3740

Protanomaly

55.0513, 0.3849, 0.3865

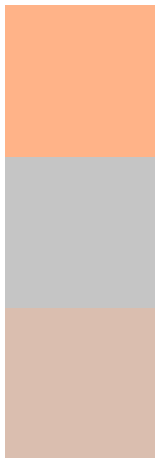
Deuteranomaly

55.3244, 0.4046, 0.3837

Tritanomaly

55.1378, 0.3909, 0.3377

Monochromacy



Original Color

55.2778, 0.4182, 0.3740

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8275, 0.3482, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2778, 0.4182, 0.3740 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, 179, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 136)  
}
```

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, 179, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 136) }
```

Border

The CSS property to change the border of an element to Yxy 55.2778, 0.4182, 0.3740 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, 179, 136) }
```

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

```
.border{ border-color:rgb(255, 179, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2778, 0.4182, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 136) }
```

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

```
.background{ background-color: rgb(255,  
179, 136) }
```

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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