

Converting Colors

$Yxy(60.4737, 0.3795, 0.3460)$

Have a look what the booklet for
Yxy(60.4737, 0.3795, 0.3460)
contains.

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Color

Yxy(60.3338, 0.3794, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	FDBDAE
RGB	253, 189, 174
RGB Percent	99%, 74%, 68%
CMY	0.0078, 0.2588, 0.3176
CMYK	0.00, 0.25, 0.31, 0.01
HSL	11°, 95%, 84%
HSV	11°, 31%, 99%
XYZ	66.3497, 60.3338, 48.1971
YIQ	206.4260, 42.9590, 8.9030

Conversions

Conversions Part 2

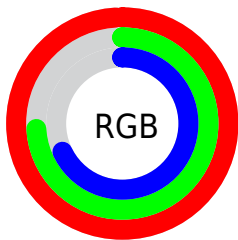
Format	Color
R _Y B	253, 193, 174
Decimal	16629166
CIE Lab	82.02, 21.05, 16.58
CIE LCh	82, 26.791, 38.222
Yxy	60.3338, 0.3794, 0.3450
Android (android.graphics.Color)	4294819246 (0xFFFDDBAE)
YUV	206.4260, -15.9860, 40.8454
Hunter-Lab	77.6748, 16.5434, 17.5831

Details

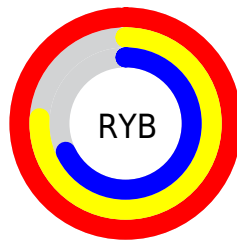
The Yxy color **60.3338, 0.3794, 0.3450** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2547, 0.2658, 0.3123**, and the grayscale version is **62.0949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2220, 0.3290, 0.3447**, and **30.3352, 0.3966, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **51.2357, 0.4102, 0.3502**, and if you desaturate by 10%, it is **70.8700, 0.3536, 0.3396**.

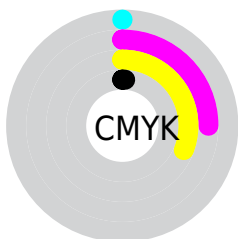
Distribution



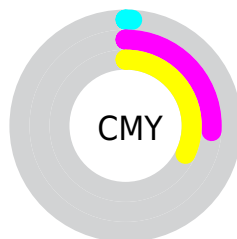
- Red (99%)
- Green (74%)
- Blue (68%)



- Red (99%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (1%)





- Cyan (1%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3338, 0.3794, 0.3450 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 60.3338, 0.3794, 0.3450 by changing the saturation by 10% instead.


 60.3338, 0.3794,
0.3450

 60.3338, 0.3794,
0.3450


425.8271, 0.3472,
0.3382

 43.6877, 0.3871,
0.3464


 105.3137, 0.3680,
0.3428

 30.4251, 0.3967,
0.3479


134.4164, 0.3636,
0.3419

 20.1615, 0.4092,
0.3497


168.4401, 0.3598,
0.3411

 12.5125, 0.4260,
0.3517

207.7691, 0.3566,
0.3404

 7.0937, 0.4494,
0.3536

252.7879, 0.3538,
0.3398

 3.5208, 0.4843,
0.3546

303.8809, 0.3513,

 1.4093, 0.5607,

0.3392

0.3643

361.4325, 0.3491,
0.3387

0.2235, 0.7646,
0.2354

0.0000, 0.0000,
0.0000

60.3338, 0.3794,
0.3450

60.3338, 0.3794,
0.3450

51.2357, 0.4102,
0.3502

70.8700, 0.3536,
0.3396

43.5048, 0.4462,
0.3549

82.8944, 0.3322,
0.3344

37.0767, 0.4866,
0.3581

96.4652, 0.3146,
0.3296

31.8785, 0.5289,
0.3590

99.6251, 0.3115,
0.3290

■ 27.8297, 0.5692,
0.3568

■ 24.8399, 0.6021,
0.3510

■ 22.9996, 0.6221,
0.3442

Harmonies

Analogous

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



60.3338, 0.3613, 0.3167



60.3338, 0.3794, 0.3450



60.3338, 0.3782, 0.3711

Triad

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



60.3338, 0.3794, 0.3450



60.3338, 0.2934, 0.3704



60.3338, 0.2666, 0.2730

Complementary

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



60.3338, 0.3794, 0.3450



77.2547, 0.2658, 0.3123

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.



60.3338, 0.2508, 0.2834



60.3338, 0.3794, 0.3450



60.3338, 0.2655, 0.3393

Square

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



60.3338, 0.3794, 0.3450



60.3338, 0.3275, 0.3886



60.3338, 0.2503, 0.3070



60.3338, 0.2951, 0.2766

Rectangle

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



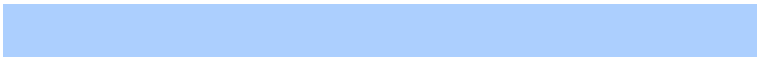
60.3338, 0.3794, 0.3450



60.3338, 0.3670, 0.3839



60.3338, 0.2503, 0.3070



60.3338, 0.2598, 0.2749

Sweetspot

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



60.3366, 0.3794, 0.3450



87.3132, 0.3280, 0.3333



57.3651, 0.3277, 0.2642



18.2757, 0.3308, 0.3341



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.



60.3366, 0.3794, 0.3450



55.8819, 0.3966, 0.3481



79.4257, 0.3672, 0.3843



18.5446, 0.3290, 0.3336



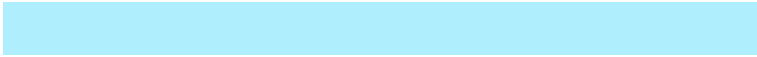
12.3881, 0.6198, 0.3461



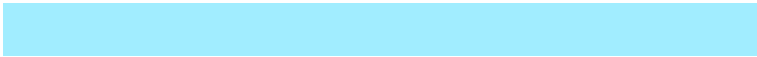
1.3469, 0.5997, 0.3621

Inverse Universe

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



77.2547, 0.2658, 0.3123



75.3857, 0.2579, 0.3087



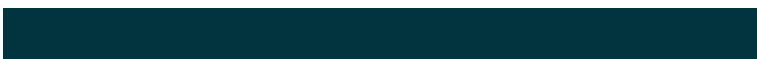
56.9519, 0.2604, 0.2667



19.8610, 0.2980, 0.3244



27.2025, 0.2075, 0.2669



2.7925, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 60.3338, 0.3794, 0.3450 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 60.3338, 0.3794, 0.3450 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 60.3338, 0.3794, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 60.3338, 0.3794, 0.3450.



This preview shows how white text looks on a background with the Yxy color 60.3338, 0.3794, 0.3450.

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

60.3338, 0.3794, 0.3450

Protanopia

60.6681, 0.3366, 0.3559

Deuteranopia

60.6118, 0.3626, 0.3558



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.3338, 0.3794, 0.3450

Protanomaly

60.5552, 0.3522, 0.3528

Deuteranomaly

60.4779, 0.3694, 0.3520

Tritanomaly

60.3731, 0.3663, 0.3250

Monochromacy



Original Color

60.3338, 0.3794, 0.3450

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8916, 0.3355, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3338, 0.3794, 0.3450 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, 189, 174)` looks like.

```
.text, #text, p{  
    color:rgb(253, 189, 174)  
}
```

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, 189, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 189, 174) }
```

Border

The CSS property to change the border of an element to Yxy 60.3338, 0.3794, 0.3450 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, 189, 174) }
```

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

```
.border{ border-color:rgb(253, 189, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 189, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 189, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 189, 174);  
box-shadow:4px 4px 4px 4px rgb(253, 189,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3338, 0.3794, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 189, 174) }
```

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

```
.background{ background-color: rgb(253,  
189, 174) }
```

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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