

# Converting Colors

Yxy(53.2059, 0.3773, 0.3468)

Have a look what the booklet for  
Yxy(53.2059, 0.3773, 0.3468)  
contains.

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# Color

**Yxy(53.3274, 0.3772, 0.3471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDB4A4
RGB	237, 180, 164
RGB Percent	93%, 71%, 64%
CMY	0.0705, 0.2941, 0.3569
CMYK	0.00, 0.24, 0.31, 0.07
HSL	13°, 67%, 79%
HSV	13°, 31%, 93%
XYZ	57.9519, 53.3274, 42.3577
YIQ	195.2190, 39.1080, 7.1080

# Conversions

## Conversions Part 2

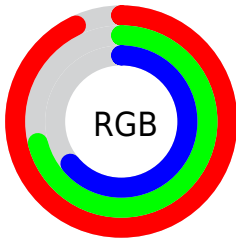
<b>Format</b>	<b>Color</b>
<b>RYB</b>	237, 184, 164
Decimal	15578276
CIELab	78.07, 18.52, 16.19
CIElCh	78, 24.593, 41.158
Yxy	53.3274, 0.3772, 0.3471
Android (android.graphics.Color)	4293768356 (0xFFEDB4A4)
YUV	195.2190, -15.3910, 36.6419
Hunter-Lab	73.0256, 13.8597, 16.7274

# Details

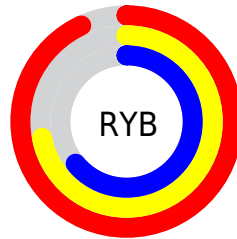
The Yxy color **53.3274, 0.3772, 0.3471** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7302, 0.2663, 0.3100**, and the grayscale version is **54.7885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3654, 0.3366, 0.3460**, and **26.0519, 0.3954, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **45.5715, 0.4070, 0.3532**, and if you desaturate by 10%, it is **62.2457, 0.3521, 0.3410**.

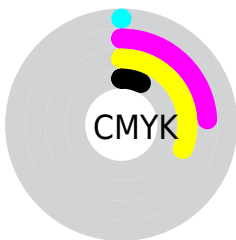
# Distribution



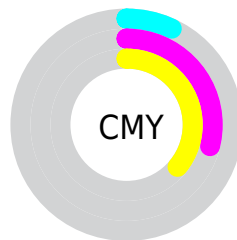
- Red (93%)
- Green (71%)
- Blue (64%)



- Red (93%)
- Yellow (72%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3274, 0.3772, 0.3471 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 53.3274, 0.3772, 0.3471 by changing the saturation by 10% instead.





 53.3274, 0.3772,  
0.3471


 53.3274, 0.3772,  
0.3471


399.5400, 0.3454,  
0.3391

 38.0642, 0.3850,  
0.3488


 95.0860, 0.3658,  
0.3444

 26.0325, 0.3949,  
0.3508


 122.3501, 0.3614,  
0.3433

 16.8480, 0.4078,  
0.3531


154.3834, 0.3577,  
0.3424

 10.1262, 0.4254,  
0.3559

191.5701, 0.3546,  
0.3416

 5.4827, 0.4508,  
0.3588

234.2947, 0.3518,  
0.3408

 2.5332, 0.4898,  
0.3609

282.9417, 0.3494,

 0.8932, 0.6087,

0.3402

0.3913

337.8953, 0.3473,  
0.3396

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.3274, 0.3772,  
0.3471

53.3274, 0.3772,  
0.3471

45.5715, 0.4070,  
0.3532

62.2457, 0.3521,  
0.3410

38.9223, 0.4416,  
0.3586

72.3642, 0.3313,  
0.3350

33.3308, 0.4804,  
0.3625

83.7282, 0.3140,  
0.3294

28.7411, 0.5214,  
0.3641

96.1309, 0.3018,  
0.3280

■ 25.0920, 0.5609,  
0.3622

■ 96.7482, 0.3017,  
0.3290

■ 22.3152, 0.5942,  
0.3564

■ 20.4588, 0.6164,  
0.3488

# Harmonies

## Analogous

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



53.3274, 0.3616, 0.3199



53.3274, 0.3772, 0.3471



53.3274, 0.3743, 0.3715

# Triad

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



53.3274, 0.3772, 0.3471



53.3274, 0.2913, 0.3660



53.3274, 0.2708, 0.2751

# Complementary

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



53.3274, 0.3772, 0.3471



65.7302, 0.2663, 0.3100

# 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.



53.3274, 0.2542, 0.2838



53.3274, 0.3772, 0.3471



53.3274, 0.2655, 0.3358

# Square

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



53.3274, 0.3772, 0.3471



53.3274, 0.3238, 0.3849



53.3274, 0.2523, 0.3054



53.3274, 0.2990, 0.2797



# Rectangle

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



53.3274, 0.3772, 0.3471



53.3274, 0.3626, 0.3829



53.3274, 0.2523, 0.3054



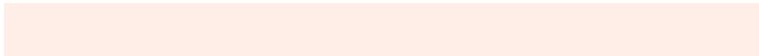
53.3274, 0.2638, 0.2765

# Sweetspot

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



53.3299, 0.3772, 0.3471



87.7033, 0.3280, 0.3340



49.7883, 0.3295, 0.2677



18.3711, 0.3307, 0.3348



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.



53.3299, 0.3772, 0.3471



57.0012, 0.3955, 0.3510



69.9695, 0.3654, 0.3858



15.5892, 0.3287, 0.3342



11.3256, 0.6138, 0.3508



1.0284, 0.5875, 0.3717

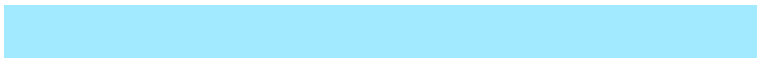


# Inverse Universe

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



65.7302, 0.2663, 0.3100



73.7913, 0.2575, 0.3055



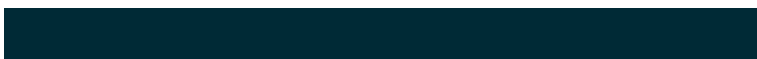
48.5742, 0.2610, 0.2648



16.5292, 0.2981, 0.3237



22.4988, 0.2047, 0.2569

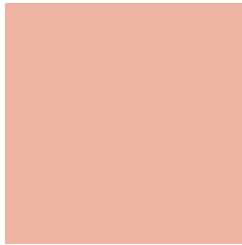


1.9050, 0.2078, 0.2681



# Previews

## White Background



This preview shows how the Yxy color 53.3274, 0.3772, 0.3471 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

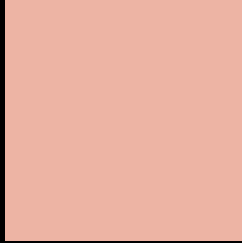
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.3274, 0.3772, 0.3471 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 53.3274, 0.3772, 0.3471**

## Background



This preview shows how black text looks on a background with the Yxy color 53.3274, 0.3772, 0.3471.



This preview shows how white text looks on a background with the Yxy color 53.3274, 0.3772, 0.3471.

# 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

53.3274, 0.3772, 0.3471

### Protanopia

53.5988, 0.3379, 0.3574

### Deuteranopia

53.4501, 0.3637, 0.3560



## Tritanopia

53.2936, 0.3577, 0.3138

# Trichromacy



**Original Color**

53.3274, 0.3772, 0.3471

**Protanomaly**

53.2407, 0.3519, 0.3530

**Deuteranomaly**

53.4193, 0.3687, 0.3533

**Tritanomaly**

53.1312, 0.3646, 0.3247

# Monochromacy



**Original Color**

53.3274, 0.3772, 0.3471

**Achromatopsia**

54.5724, 0.3127, 0.3290

**Achromatomaly**

53.9892, 0.3341, 0.3362

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.3274, 0.3772, 0.3471 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(237, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(237, 180, 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(237, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 180, 164) }
```

## Border

The CSS property to change the border of an element to Yxy 53.3274, 0.3772, 0.3471 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(237, 180, 164) }
```

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

```
.border{ border-color:rgb(237, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(237, 180,  
164) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.3274, 0.3772, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 180, 164) }
```

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

```
.background{ background-color: rgb(237,  
180, 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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