

# Converting Colors

$Yxy(55.4390, 0.3533, 0.3455)$

Have a look what the booklet for  
Yxy(55.4390, 0.3533, 0.3455)  
contains.

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# Color

**Yxy(55.3376, 0.3536, 0.3453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0BDAF
RGB	224, 189, 175
RGB Percent	88%, 74%, 69%
CMY	0.1217, 0.2587, 0.3137
CMYK	0.00, 0.16, 0.22, 0.12
HSL	17°, 44%, 78%
HSV	17°, 22%, 88%
XYZ	56.6678, 55.3376, 48.2541
YIQ	197.8690, 25.3540, 3.0660

# Conversions

## Conversions Part 2

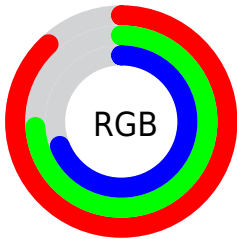
Format	Color
R <sub>Y</sub> B	224, 195, 175
Decimal	14728623
CIE Lab	79.24, 10.33, 11.72
CIE LCh	79, 15.619, 48.600
Yxy	55.3376, 0.3536, 0.3453
Android (android.graphics.Color)	4292918703 (0xFFE0BDAF)
YUV	197.8690, -11.2744, 22.9169
Hunter-Lab	74.3892, 5.7954, 13.6128

# Details

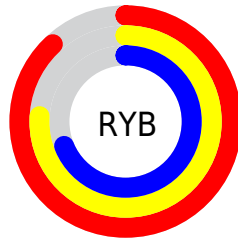
The Yxy color **55.3376, 0.3536, 0.3453** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.5632, 0.2791, 0.3121**, and the grayscale version is **56.4461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3343, 0.3278, 0.3427**, and **27.3632, 0.3638, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **48.0282, 0.3780, 0.3533**, and if you desaturate by 10%, it is **63.5560, 0.3330, 0.3376**.

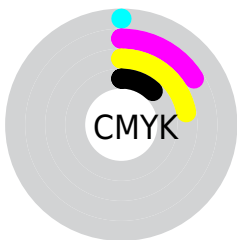
# Distribution



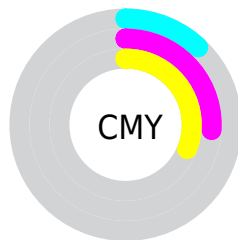
- Red (88%)
- Green (74%)
- Blue (69%)



- Red (88%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (12%)




- Cyan (12%)
- Magenta (26%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3376, 0.3536, 0.3453 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 55.3376, 0.3536, 0.3453 by changing the saturation by 10% instead.





 55.3376, 0.3536,  
0.3453

 55.3376, 0.3536,  
0.3453


407.1904, 0.3336,  
0.3377

 39.6721, 0.3585,  
0.3470

 98.0354, 0.3464,  
0.3427

 27.2830, 0.3646,  
0.3492


125.8365, 0.3437,  
0.3416

 17.7859, 0.3727,  
0.3519


158.4516, 0.3414,  
0.3407

 10.7963, 0.3837,  
0.3554

196.2650, 0.3394,  
0.3400

 5.9301, 0.3995,  
0.3600

239.6612, 0.3377,  
0.3393

 2.8026, 0.4241,  
0.3662

289.0246, 0.3361,

 1.0296, 0.4925,

0.3387

0.3947

344.7395, 0.3348,  
0.3382

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

55.3376, 0.3536,  
0.3453

55.3376, 0.3536,  
0.3453

48.0282, 0.3780,  
0.3533

63.5560, 0.3330,  
0.3376

41.5887, 0.4066,  
0.3611

72.7060, 0.3156,  
0.3303

35.9881, 0.4394,  
0.3681

82.8188, 0.3011,  
0.3236

31.1903, 0.4756,  
0.3734

93.2883, 0.2940,  
0.3269

■ 27.1570, 0.5135,  
0.3759

■ 94.5815, 0.2940,  
0.3289

■ 23.8458, 0.5501,  
0.3743

■ 21.2101, 0.5814,  
0.3681

■ 19.5201, 0.6016,  
0.3605

# Harmonies

## Analogous

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



55.3376, 0.3466, 0.3279



55.3376, 0.3536, 0.3453



55.3376, 0.3492, 0.3592

# Triad

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



55.3376, 0.3536, 0.3453



55.3376, 0.2948, 0.3476



55.3376, 0.2902, 0.2945

# Complementary

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



55.3376, 0.3536, 0.3453



60.5632, 0.2791, 0.3121

# 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.



55.3376, 0.2772, 0.2983



55.3376, 0.3536, 0.3453



55.3376, 0.2798, 0.3287

# Square

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



55.3376, 0.3536, 0.3453



55.3376, 0.3149, 0.3614



55.3376, 0.2735, 0.3106



55.3376, 0.3095, 0.2992



# Rectangle

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



55.3376, 0.3536, 0.3453



55.3376, 0.3405, 0.3644



55.3376, 0.2735, 0.3106



55.3376, 0.2850, 0.2948

# Sweetspot

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



55.3401, 0.3536, 0.3453



91.0418, 0.3242, 0.3340



51.1614, 0.3265, 0.2895



19.3277, 0.3253, 0.3345



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.



55.3401, 0.3536, 0.3453



69.8755, 0.3637, 0.3487



66.7047, 0.3479, 0.3722



14.3363, 0.3285, 0.3358



11.5365, 0.5989, 0.3627



0.9499, 0.5684, 0.3869



# Inverse Universe

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



60.5632, 0.2791, 0.3121



78.0047, 0.2726, 0.3083



49.4495, 0.2769, 0.2817



14.8747, 0.2982, 0.3221



17.9492, 0.1982, 0.2334



1.3948, 0.2028, 0.2499



# Previews

## White Background



This preview shows how the Yxy color 55.3376, 0.3536, 0.3453 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

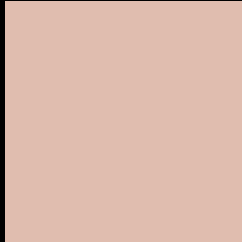
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 55.3376, 0.3536, 0.3453 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

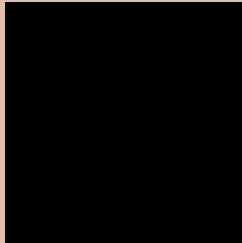
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 55.3376, 0.3536, 0.3453**

## Background



This preview shows how black text looks on a background with the Yxy color 55.3376, 0.3536, 0.3453.



This preview shows how white text looks on a background with the Yxy color 55.3376, 0.3536, 0.3453.

# 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

55.3376, 0.3536, 0.3453

### Protanopia

55.5719, 0.3321, 0.3496

### Deuteranopia

55.1783, 0.3528, 0.3453



## Tritanopia

55.1989, 0.3362, 0.3122

# Trichromacy



## Original Color

55.3376, 0.3536, 0.3453

## Protanomaly

55.2032, 0.3392, 0.3470

## Deuteranomaly

55.1783, 0.3528, 0.3453

## Tritanomaly

55.0482, 0.3427, 0.3234

# Monochromacy



## Original Color

55.3376, 0.3536, 0.3453

## Achromatopsia

56.4712, 0.3127, 0.3290

## Achromatomaly

56.0133, 0.3262, 0.3350

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 55.3376, 0.3536, 0.3453 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(224, 189, 175)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 175)  
}
```

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(224, 189, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 175) }
```

## Border

The CSS property to change the border of an element to Yxy 55.3376, 0.3536, 0.3453 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(224, 189, 175) }
```

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

```
.border{ border-color:rgb(224, 189, 175) }
```

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

Here you see how a box with a 4 pixel rgb(224, 189, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(224, 189,  
175) }
```



# Background

The CSS property to change the background color of an element to Yxy 55.3376, 0.3536, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 189, 175) }
```

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

```
.background{ background-color: rgb(224,  
189, 175) }
```

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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