

# Converting Colors

Yxy(53.1612, 0.3651, 0.3558)

Have a look what the booklet for  
Yxy(53.1612, 0.3651, 0.3558)  
contains.

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# Color

**Yxy(53.1539, 0.3657, 0.3560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0B9A2
RGB	224, 185, 162
RGB Percent	88%, 73%, 64%
CMY	0.1217, 0.2744, 0.3648
CMYK	0.00, 0.17, 0.28, 0.12
HSL	22°, 50%, 76%
HSV	22°, 28%, 88%
XYZ	54.6022, 53.1539, 41.5526
YIQ	194.0390, 30.6270, 1.1150

# Conversions

## Conversions Part 2

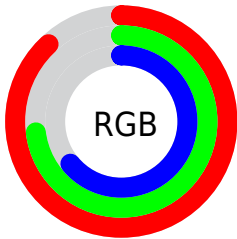
Format	Color
<a href="#">RYB</a>	<a href="#">224, 199, 162</a>
Decimal	<a href="#">14727586</a>
CIELab	<a href="#">77.97, 10.62, 16.94</a>
CIELCh	<a href="#">78, 19.997, 57.905</a>
Yxy	<a href="#">53.1539, 0.3657, 0.3560</a>
Android (android.graphics.Color)	<a href="#">4292917666</a> ( <a href="#">0xFFE0B9A2</a> )
YUV	<a href="#">194.0390, -15.7952, 26.2758</a>
Hunter-Lab	<a href="#">72.9067, 6.0976, 17.2428</a>

# Details

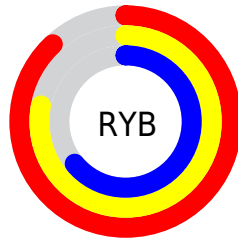
The Yxy color **53.1539, 0.3657, 0.3560** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.7981, 0.2697, 0.3003**, and the grayscale version is **54.0537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1803, 0.3371, 0.3528**, and **25.9531, 0.3806, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **46.8296, 0.3909, 0.3662**, and if you desaturate by 10%, it is **60.2078, 0.3439, 0.3458**.

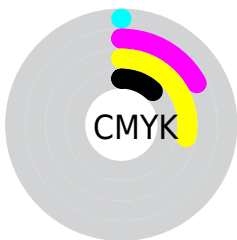
# Distribution



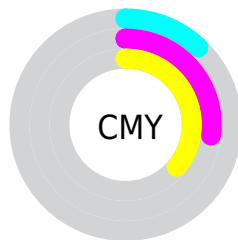
- Red (88%)
- Green (73%)
- Blue (64%)



- Red (88%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (12%)




- Cyan (12%)
- Magenta (27%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1539, 0.3657, 0.3560 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 53.1539, 0.3657, 0.3560 by changing the saturation by 10% instead.





 53.1539, 0.3657,  
0.3560

 53.1539, 0.3657,  
0.3560


398.8753, 0.3396,  
0.3433

 37.9256, 0.3721,  
0.3589


 94.8308, 0.3563,  
0.3516

 25.9250, 0.3801,  
0.3625

 122.0482, 0.3528,  
0.3499

 16.7675, 0.3907,  
0.3670


154.0308, 0.3498,  
0.3484

 10.0689, 0.4051,  
0.3728

191.1630, 0.3472,  
0.3471

 5.4447, 0.4258,  
0.3803

233.8291, 0.3449,  
0.3460

 2.5104, 0.4575,  
0.3901

282.4136, 0.3429,

 0.8819, 0.5604,

0.3450

0.4396

337.3009, 0.3412,  
0.3441

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.1539, 0.3657,  
0.3560

53.1539, 0.3657,  
0.3560

46.8296, 0.3909,  
0.3662

60.2078, 0.3439,  
0.3458

41.2030, 0.4196,  
0.3759

68.0069, 0.3252,  
0.3361

36.2509, 0.4513,  
0.3842

76.5759, 0.3092,  
0.3269

31.9454, 0.4848,  
0.3898

85.9357, 0.2957,  
0.3185

■ 28.2567, 0.5183,  
0.3916

■ 94.5824, 0.2940,  
0.3289

■ 25.1519, 0.5490,  
0.3884

■ 22.5922, 0.5742,  
0.3801

■ 22.0674, 0.5796,  
0.3780

# Harmonies

## Analogous

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



53.1539, 0.3612, 0.3343



53.1539, 0.3657, 0.3560



53.1539, 0.3554, 0.3719

# Triad

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



53.1539, 0.3657, 0.3560



53.1539, 0.2825, 0.3459



53.1539, 0.2906, 0.2854

# Complementary

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



53.1539, 0.3657, 0.3560



54.7981, 0.2697, 0.3003

# 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.



53.1539, 0.2710, 0.2866



53.1539, 0.3657, 0.3560



53.1539, 0.2665, 0.3205

# Square

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



53.1539, 0.3657, 0.3560



53.1539, 0.3069, 0.3670



53.1539, 0.2624, 0.2990



53.1539, 0.3168, 0.2948



# Rectangle

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



53.1539, 0.3657, 0.3560



53.1539, 0.3418, 0.3765



53.1539, 0.2624, 0.2990



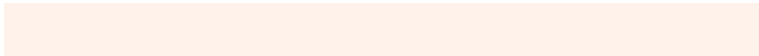
53.1539, 0.2830, 0.2846

# Sweetspot

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



53.1563, 0.3657, 0.3560



90.8482, 0.3258, 0.3364



45.9031, 0.3357, 0.2842



19.0930, 0.3285, 0.3379



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.



53.1563, 0.3657, 0.3560



66.4962, 0.3793, 0.3617



67.4103, 0.3567, 0.3895



14.5309, 0.3283, 0.3378



13.0511, 0.5769, 0.3801



1.0723, 0.5478, 0.4032

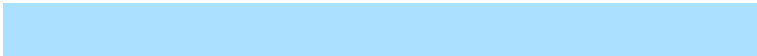


# Inverse Universe

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



54.7981, 0.2697, 0.3003



69.0226, 0.2611, 0.2936



41.8994, 0.2656, 0.2602



14.6712, 0.2981, 0.3201



14.4032, 0.1897, 0.2029



1.1682, 0.1957, 0.2245



# Previews

## White Background



This preview shows how the Yxy color 53.1539, 0.3657, 0.3560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

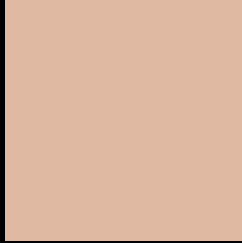
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.1539, 0.3657, 0.3560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

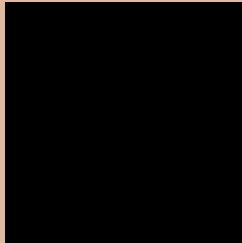
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.1539, 0.3657, 0.3560**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.1539, 0.3657, 0.3560.



This preview shows how white text looks on a background with the Yxy color 53.1539, 0.3657, 0.3560.

# 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

53.1539, 0.3657, 0.3560

### Protanopia

53.1490, 0.3421, 0.3611

### Deuteranopia

53.4144, 0.3645, 0.3572



## Tritanopia

53.0315, 0.3429, 0.3132

# Trichromacy



## Original Color

53.1539, 0.3657, 0.3560

## Protanomaly

52.9607, 0.3506, 0.3581

## Deuteranomaly

53.4144, 0.3645, 0.3572

## Tritanomaly

53.1642, 0.3519, 0.3291

# Monochromacy



## Original Color

53.1539, 0.3657, 0.3560

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.6181, 0.3313, 0.3400

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.1539, 0.3657, 0.3560 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, 185, 162)` looks like.

```
.text, #text, p{  
    color:rgb(224, 185, 162)  
}
```

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, 185, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 185, 162) }
```

## Border

The CSS property to change the border of an element to Yxy 53.1539, 0.3657, 0.3560 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, 185, 162) }
```

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

```
.border{ border-color:rgb(224, 185, 162) }
```

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

Here you see how a box with a 4 pixel rgb(224, 185, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 185, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 185, 162);  
box-shadow:4px 4px 4px 4px rgb(224, 185,  
162) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.1539, 0.3657, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 185, 162) }
```

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

```
.background{ background-color: rgb(224,  
185, 162) }
```

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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