

# Converting Colors

Yxy(55.0653, 0.3321, 0.3744)

Have a look what the booklet for  
Yxy(55.0653, 0.3321, 0.3744)  
contains.

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# Color

**Yxy(55.0653, 0.3321, 0.3744)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BFC8A4</a>
RGB	<a href="#">191, 200, 164</a>
RGB Percent	<a href="#">75%, 78%, 64%</a>
CMY	<a href="#">0.2509, 0.2157, 0.3569</a>
CMYK	<a href="#">0.04, 0.00, 0.18, 0.22</a>
HSL	<a href="#">75°, 25%, 71%</a>
HSV	<a href="#">75°, 18%, 78%</a>
XYZ	<a href="#">48.8440, 55.0653, 43.1668</a>
YIQ	<a href="#">193.2050, 6.1920, -13.1040</a>

# Conversions

## Conversions Part 2

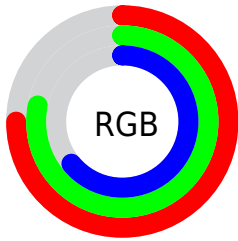
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 200, 173
Decimal	12568740
CIELab	79.08, -9.33, 17.00
CIELCh	79, 19.396, 118.753
Yxy	55.0653, 0.3321, 0.3744
Android (android.graphics.Color)	4290758820 (0xFFBFC8A4)
YUV	193.2050, -14.3981, -1.9338
Hunter-Lab	74.2060, -12.3680, 17.4542

# Details

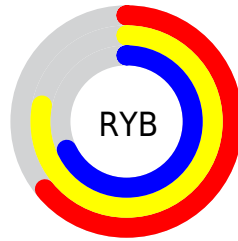
The Yxy color **55.0653, 0.3321, 0.3744** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.5939, 0.2910, 0.2815**, and the grayscale version is **53.5413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5909, 0.3294, 0.3646**, and **27.0460, 0.3366, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **53.7657, 0.3428, 0.4011**, and if you desaturate by 10%, it is **56.5053, 0.3213, 0.3486**.

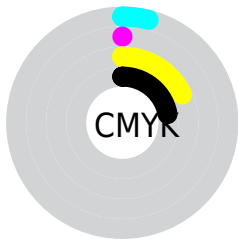
# Distribution



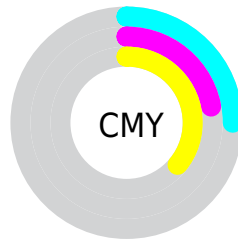
- Red (75%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)




- Cyan (25%)
- Magenta (22%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0653, 0.3321, 0.3744 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 55.0653, 0.3321, 0.3744 by changing the saturation by 10% instead.





 55.0653, 0.3321,  
0.3744

 55.0653, 0.3321,  
0.3744

406.1594, 0.3229,  
0.3519

 39.4540, 0.3342,  
0.3799


 97.6366, 0.3289,  
0.3663

 27.1131, 0.3369,  
0.3870


 125.3654, 0.3276,  
0.3632

 17.6582, 0.3403,  
0.3962


157.9022, 0.3266,  
0.3606

 10.7049, 0.3447,  
0.4090

195.6314, 0.3256,  
0.3584

 5.8687, 0.3506,  
0.4275

238.9373, 0.3248,  
0.3565

 2.7654, 0.3586,  
0.4567

288.2043, 0.3241,

 1.0105, 0.4186,

0.3548

0.5814

343.8169, 0.3235,  
0.3533

0.0000, 0.0000,  
0.0000

55.0653, 0.3321,  
0.3744

55.0653, 0.3321,  
0.3744

53.7657, 0.3428,  
0.4011

56.5053, 0.3213,  
0.3486

52.5939, 0.3529,  
0.4280

58.0837, 0.3106,  
0.3243

51.5462, 0.3619,  
0.4542

59.8077, 0.3004,  
0.3016

50.6162, 0.3693,  
0.4785

61.6820, 0.2906,  
0.2808

49.7968, 0.3747,  
0.4999

63.1189, 0.2871,  
0.2704

■ 49.0799, 0.3777,  
0.5173

■ 63.8893, 0.2906,  
0.2710

■ 48.4560, 0.3780,  
0.5301

■ 64.6830, 0.2941,  
0.2716

■ 47.9112, 0.3761,  
0.5385

■ 65.5000, 0.2977,  
0.2722

■ 47.8078, 0.3756,  
0.5399

■ 66.3407, 0.3013,  
0.2728

# Harmonies

## Analogous

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



55.0653, 0.3531, 0.3704



55.0653, 0.3321, 0.3744



55.0653, 0.3064, 0.3650

# Triad

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



55.0653, 0.3321, 0.3744



55.0653, 0.2644, 0.2998



55.0653, 0.3424, 0.3136

# Complementary

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



55.0653, 0.3321, 0.3744



39.5939, 0.2910, 0.2815

# 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.



55.0653, 0.3174, 0.2965



55.0653, 0.3321, 0.3744



55.0653, 0.2730, 0.2882

# Square

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



55.0653, 0.3321, 0.3744



55.0653, 0.2681, 0.3203



55.0653, 0.2921, 0.2873



55.0653, 0.3595, 0.3348



# Rectangle

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



55.0653, 0.3321, 0.3744



55.0653, 0.2903, 0.3522



55.0653, 0.2921, 0.2873



55.0653, 0.3346, 0.3072

# Sweetspot

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



55.0677, 0.3321, 0.3744



98.6082, 0.3181, 0.3413



44.6112, 0.3454, 0.3398



21.0654, 0.3189, 0.3431



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

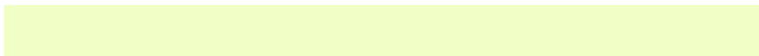


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.0677, 0.3321, 0.3744



94.3432, 0.3367, 0.3858



52.9394, 0.3180, 0.3764



12.2788, 0.3228, 0.3521



30.4420, 0.3763, 0.5394



1.4740, 0.3857, 0.5320



# Inverse Universe

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



39.5939, 0.2910, 0.2815



62.1490, 0.2849, 0.2689



41.7126, 0.3062, 0.2836



10.4130, 0.3021, 0.3054



3.1161, 0.1652, 0.0683



0.1830, 0.1876, 0.0807



# Previews

## White Background



This preview shows how the Yxy color 55.0653, 0.3321, 0.3744 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 55.0653, 0.3321, 0.3744 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

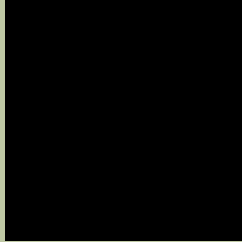
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

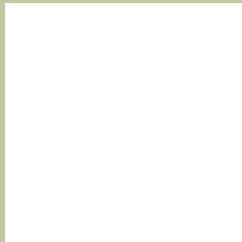
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 55.0653, 0.3321, 0.3744**

## Background



This preview shows how black text looks on a background with the Yxy color 55.0653, 0.3321, 0.3744.



This preview shows how white text looks on a background with the Yxy color 55.0653, 0.3321, 0.3744.

# 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

55.0653, 0.3321, 0.3744

### Protanopia

54.9042, 0.3481, 0.3692

### Deuteranopia

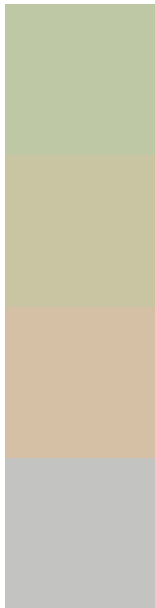
54.7272, 0.3623, 0.3546



## Tritanopia

55.0573, 0.3041, 0.3111

# Trichromacy



**Original Color**

55.0653, 0.3321, 0.3744

**Protanomaly**

54.9944, 0.3417, 0.3709

**Deuteranomaly**

54.5620, 0.3516, 0.3614

**Tritanomaly**

54.9322, 0.3141, 0.3327

# Monochromacy



**Original Color**

55.0653, 0.3321, 0.3744

**Achromatopsia**

53.3276, 0.3127, 0.3290

**Achromatomaly**

54.0637, 0.3199, 0.3465

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 55.0653, 0.3321, 0.3744 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(191, 200, 164)` looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 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(191, 200, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 164) }
```

## Border

The CSS property to change the border of an element to Yxy 55.0653, 0.3321, 0.3744 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(191, 200, 164) }
```

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

```
.border{ border-color:rgb(191, 200, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 200, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 200, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 200, 164); box-shadow:4px 4px 4px 4px rgb(191, 200, 164) }
```



# Background

The CSS property to change the background color of an element to Yxy 55.0653, 0.3321, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 164) }
```

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

```
.background{ background-color: rgb(191,  
200, 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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