

# Converting Colors

Yxy(53.0962, 0.3375, 0.3609)

Have a look what the booklet for  
Yxy(53.0962, 0.3375, 0.3609)  
contains.

<b>Yxy(53.0721, 0.3377, 0.3614)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(53.0721, 0.3377, 0.3614)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7C1A7
RGB	199, 193, 167
RGB Percent	78%, 76%, 65%
CMY	0.2197, 0.2431, 0.3451
CMYK	0.00, 0.03, 0.16, 0.22
HSL	49°, 22%, 72%
HSV	49°, 16%, 78%
XYZ	49.5917, 53.0721, 44.1876
YIQ	191.8300, 11.9220, -6.8140

# Conversions

## Conversions Part 2

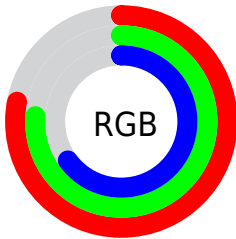
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 199, 167
Decimal	13091239
CIELab	77.92, -2.29, 13.85
CIELCh	78, 14.042, 99.392
Yxy	53.0721, 0.3377, 0.3614
Android (android.graphics.Color)	4291281319 (0xFFC7C1A7)
YUV	191.8300, -12.2412, 6.2881
Hunter-Lab	72.8506, -5.9779, 15.0330

# Details

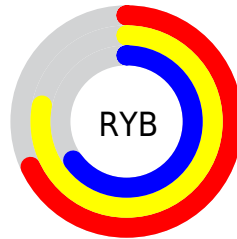
The Yxy color **53.0721, 0.3377, 0.3614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.2060, 0.2872, 0.2944**, and the grayscale version is **52.6743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2853, 0.3329, 0.3555**, and **26.0137, 0.3443, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **50.7763, 0.3545, 0.3823**, and if you desaturate by 10%, it is **55.5269, 0.3218, 0.3410**.

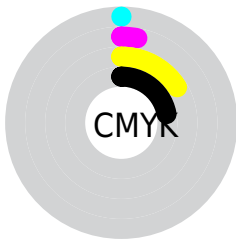
# Distribution



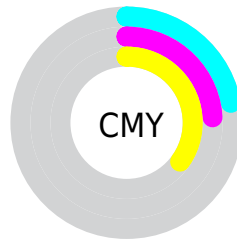
- Red (78%)
- Green (76%)
- Blue (65%)



- Red (68%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (22%)




- Cyan (22%)
- Magenta (24%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0721, 0.3377, 0.3614 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 53.0721, 0.3377, 0.3614 by changing the saturation by 10% instead.




 53.0721, 0.3377,  
0.3614


 53.0721, 0.3377,  
0.3614


398.5617, 0.3255,  
0.3455

 37.8603, 0.3406,  
0.3653


 94.7105, 0.3334,  
0.3557

 25.8743, 0.3443,  
0.3702


 121.9058, 0.3317,  
0.3535

 16.7296, 0.3492,  
0.3767


153.8645, 0.3303,  
0.3517

 10.0419, 0.3557,  
0.3856

190.9709, 0.3291,  
0.3501

 5.4268, 0.3651,  
0.3984

233.6095, 0.3280,  
0.3487

 2.4998, 0.3792,  
0.4184

282.1645, 0.3271,

 0.8765, 0.4700,

0.3475

0.5300

337.0204, 0.3263,  
0.3464

0.0000, 0.0000,  
0.0000

53.0721, 0.3377,  
0.3614

53.0721, 0.3377,  
0.3614

50.7763, 0.3545,  
0.3823

55.5269, 0.3218,  
0.3410

48.6269, 0.3718,  
0.4030

58.1388, 0.3070,  
0.3214

46.6205, 0.3892,  
0.4228

60.9149, 0.2935,  
0.3031

44.7507, 0.4061,  
0.4406

63.8598, 0.2811,  
0.2860

43.0105, 0.4216,  
0.4556

66.2161, 0.2765,  
0.2815

■ 41.3921, 0.4351,  
0.4667

■ 68.0847, 0.2768,  
0.2857

■ 39.8863, 0.4460,  
0.4733

■ 69.9961, 0.2771,  
0.2898

■ 38.4819, 0.4540,  
0.4754

■ 71.9506, 0.2774,  
0.2940

■ 37.9489, 0.4568,  
0.4755

■ 73.9483, 0.2777,  
0.2981

# Harmonies

## Analogous

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



53.0721, 0.3483, 0.3533



53.0721, 0.3377, 0.3614



53.0721, 0.3206, 0.3606

# Triad

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



53.0721, 0.3377, 0.3614



53.0721, 0.2777, 0.3170



53.0721, 0.3231, 0.3089

# Complementary

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



53.0721, 0.3377, 0.3614



42.2060, 0.2872, 0.2944

# 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.



53.0721, 0.3040, 0.2996



53.0721, 0.3377, 0.3614



53.0721, 0.2783, 0.3038

# Square

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



53.0721, 0.3377, 0.3614



53.0721, 0.2862, 0.3342



53.0721, 0.2877, 0.2977



53.0721, 0.3398, 0.3231



# Rectangle

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



53.0721, 0.3377, 0.3614



53.0721, 0.3079, 0.3548



53.0721, 0.2877, 0.2977



53.0721, 0.3167, 0.3051

# Sweetspot

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



53.0745, 0.3377, 0.3614



97.7002, 0.3203, 0.3390



42.8069, 0.3370, 0.3209



20.8439, 0.3214, 0.3404



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.



53.0745, 0.3377, 0.3614



91.6408, 0.3430, 0.3681



54.4897, 0.3287, 0.3695



12.0682, 0.3270, 0.3477



24.5301, 0.4561, 0.4760



1.2510, 0.4472, 0.4832



# Inverse Universe

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



42.2060, 0.2872, 0.2944



69.3137, 0.2816, 0.2866



41.0577, 0.2950, 0.2872



10.6018, 0.2983, 0.3096



3.6000, 0.1552, 0.0787



0.2699, 0.1655, 0.1157



# Previews

## White Background



This preview shows how the Yxy color 53.0721, 0.3377, 0.3614 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

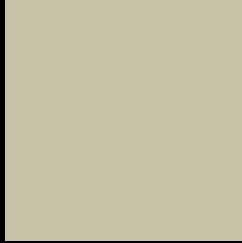
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.0721, 0.3377, 0.3614 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

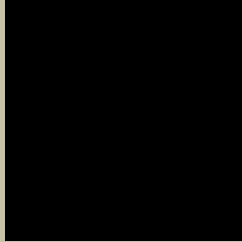
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

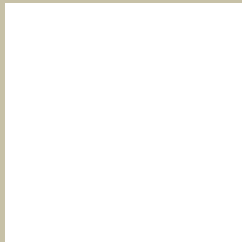
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.0721, 0.3377, 0.3614**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.0721, 0.3377, 0.3614.



This preview shows how white text looks on a background with the Yxy color 53.0721, 0.3377, 0.3614.

# 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

53.0721, 0.3377, 0.3614

### Protanopia

53.0459, 0.3405, 0.3599

### Deuteranopia

52.7781, 0.3562, 0.3480



## Tritanopia

53.1156, 0.3144, 0.3112

# Trichromacy



## Original Color

53.0721, 0.3377, 0.3614

## Protanomaly

52.9068, 0.3396, 0.3600

## Deuteranomaly

52.7906, 0.3492, 0.3532

## Tritanomaly

53.1012, 0.3226, 0.3290

# Monochromacy



## Original Color

53.0721, 0.3377, 0.3614

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

52.7203, 0.3220, 0.3402

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  53.0721, 0.3377, 0.3614 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(199, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 167)  
}
```

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(199, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 167) }
```

## Border

The CSS property to change the border of an element to Yxy 53.0721, 0.3377, 0.3614 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(199, 193, 167) }
```

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

```
.border{ border-color:rgb(199, 193, 167) }
```

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

Here you see how a box with a 4 pixel rgb(199, 193, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
167) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.0721, 0.3377, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 167) }
```

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

```
.background{ background-color: rgb(199,  
193, 167) }
```

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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