

# Converting Colors

$Yxy(26.6015, 0.4138, 0.3429)$

Have a look what the booklet for  
Yxy(26.6015, 0.4138, 0.3429)  
contains.

<b>Yxy(26.5583, 0.4149, 0.3429)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(26.5583, 0.4149, 0.3429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C27A70
RGB	194, 122, 112
RGB Percent	76%, 48%, 44%
CMY	0.2392, 0.5216, 0.5608
CMYK	0.00, 0.37, 0.42, 0.24
HSL	7°, 40%, 60%
HSV	7°, 42%, 76%
XYZ	32.1348, 26.5583, 18.7589
YIQ	142.3880, 46.1220, 12.1540

# Conversions

## Conversions Part 2

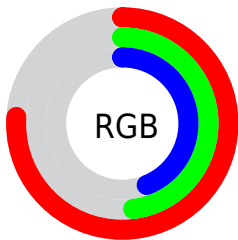
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 123, 112
Decimal	12745328
CIELab	58.56, 26.93, 17.27
CIELCh	59, 31.992, 32.672
Yxy	26.5583, 0.4149, 0.3429
Android (android.graphics.Color)	4290935408 (0xFFC27A70)
YUV	142.3880, -14.9813, 45.2637
Hunter-Lab	51.5347, 21.1191, 14.4925

# Details

The Yxy color **26.5583, 0.4149, 0.3429** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.6244, 0.2533, 0.3141**, and the grayscale version is **27.2593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2229, 0.3932, 0.3409**, and **10.4082, 0.4534, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **22.3501, 0.4526, 0.3458**, and if you desaturate by 10%, it is **31.5954, 0.3828, 0.3396**.

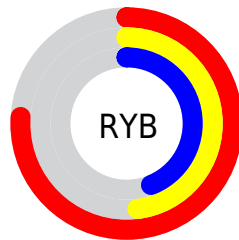
# Distribution



Red (76%)

Green (48%)

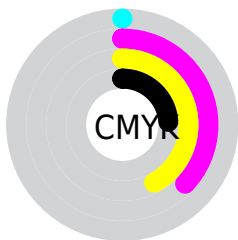
Blue (44%)



Red (76%)

Yellow (48%)

Blue (44%)

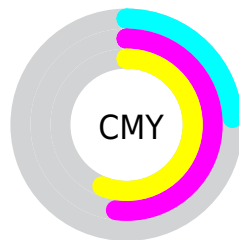


Cyan (0%)

Magenta (37%)

Yellow (42%)

Black (24%)



Cyan (24%)

Magenta (52%)


Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5583, 0.4149, 0.3429 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 26.5583, 0.4149, 0.3429 by changing the saturation by 10% instead.





 26.5583, 0.4149,  
0.3429


 26.5583, 0.4149,  
0.3429

285.5121, 0.3585,  
0.3373


 17.2418, 0.4308,  
0.3436


 54.1743, 0.3931,  
0.3413


 10.4070, 0.4524,  
0.3438


 73.2425, 0.3853,  
0.3406

 5.6696, 0.4831,  
0.3429

 96.3301, 0.3789,  
0.3399

 2.6453, 0.5296,  
0.3384

 123.8214, 0.3735,  
0.3393

 0.9495, 0.6523,  
0.3477

156.1009, 0.3689,  
0.3387

 0.0000, 1.0000,  
0.0000

193.5529, 0.3649,

 0.0000, 0.0000,

0.3382

0.0000

236.5618, 0.3615,  
0.3377

■ 26.5583, 0.4149,  
0.3429

■ 26.5583, 0.4149,  
0.3429

■ 22.3501, 0.4526,  
0.3458

■ 31.5954, 0.3828,  
0.3396

■ 18.9227, 0.4950,  
0.3476

■ 37.4985, 0.3561,  
0.3361

■ 16.2288, 0.5392,  
0.3478


■ 44.3072, 0.3342,  
0.3328


■ 14.2144, 0.5805,  
0.3458

■ 52.0574, 0.3163,  
0.3297


■ 12.8181, 0.6128,  
0.3416

■ 60.7832, 0.3017,  
0.3268

 12.1111, 0.6300,  
0.3380

 70.5168, 0.2897,  
0.3242

 81.2891, 0.2799,  
0.3218

 90.2114, 0.2773,  
0.3289

# Harmonies

## Analogous

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



26.5583, 0.3811, 0.3017



26.5583, 0.4149, 0.3429



26.5583, 0.4178, 0.3844

# Triad

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



26.5583, 0.4149, 0.3429



26.5583, 0.2907, 0.4038



26.5583, 0.2360, 0.2449

# Complementary

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



26.5583, 0.4149, 0.3429



41.6244, 0.2533, 0.3141

# 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.



26.5583, 0.2169, 0.2626



26.5583, 0.4149, 0.3429



26.5583, 0.2461, 0.3544

# Square

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



26.5583, 0.4149, 0.3429



26.5583, 0.3437, 0.4268



26.5583, 0.2202, 0.3012



26.5583, 0.2754, 0.2476



# Rectangle

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



26.5583, 0.4149, 0.3429



26.5583, 0.4025, 0.4078



26.5583, 0.2202, 0.3012



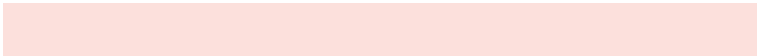
26.5583, 0.2273, 0.2484

# Sweetspot

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



26.5596, 0.4149, 0.3429



79.0429, 0.3360, 0.3331



26.5372, 0.3279, 0.2368



16.6775, 0.3407, 0.3339



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.



26.5596, 0.4149, 0.3429



40.8109, 0.4507, 0.3456



38.6839, 0.3911, 0.3961



10.2715, 0.3286, 0.3319



8.0270, 0.6284, 0.3392



0.4136, 0.5962, 0.3648



# Inverse Universe

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



41.6244, 0.2533, 0.3141



71.7390, 0.2427, 0.3103



27.1153, 0.2429, 0.2503



11.2119, 0.2984, 0.3261



21.6256, 0.2140, 0.2905



0.9946, 0.2166, 0.2998



# Previews

## White Background



This preview shows how the Yxy color 26.5583, 0.4149, 0.3429 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

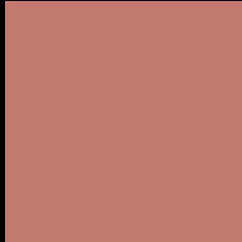
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the Yxy color 26.5583, 0.4149, 0.3429 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 × Fail

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

**Yxy 26.5583, 0.4149, 0.3429**

## Background



This preview shows how black text looks on a background with the Yxy color 26.5583, 0.4149, 0.3429.



This preview shows how white text looks on a background with the Yxy color 26.5583, 0.4149, 0.3429.

# 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

26.5583, 0.4149, 0.3429

### Protanopia

26.7261, 0.3411, 0.3620

### Deuteranopia

26.8411, 0.3762, 0.3693



## Tritanopia

26.5936, 0.3965, 0.3184

# Trichromacy



## Original Color

26.5583, 0.4149, 0.3429

## Protanomaly

26.3575, 0.3668, 0.3540

## Deuteranomaly

26.6104, 0.3896, 0.3589

## Tritanomaly

26.6820, 0.4038, 0.3279

# Monochromacy



## Original Color

26.5583, 0.4149, 0.3429

## Achromatopsia

27.0498, 0.3127, 0.3290

## Achromatomaly

26.5437, 0.3469, 0.3354

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.5583, 0.4149, 0.3429 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(194, 122, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 122, 112)  
}
```

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(194, 122, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 122, 112) }
```

## Border

The CSS property to change the border of an element to Yxy 26.5583, 0.4149, 0.3429 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(194, 122, 112) }
```

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

```
.border{ border-color:rgb(194, 122, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 122, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 122, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 122, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 122,  
112) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.5583, 0.4149, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 122, 112) }
```

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

```
.background{ background-color: rgb(194,  
122, 112) }
```

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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