

Converting Colors

$Y_{xy}(30.2840, 0.3744, 0.3101)$

Have a look what the booklet for
Yxy(30.2840, 0.3744, 0.3101)
contains.

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Color

Yxy(30.2827, 0.3745, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	C68391
RGB	198, 131, 145
RGB Percent	78%, 51%, 57%
CMY	0.2236, 0.4862, 0.4314
CMYK	0.00, 0.34, 0.27, 0.22
HSL	347°, 37%, 65%
HSV	347°, 34%, 78%
XYZ	36.5128, 30.2827, 30.7019
YIQ	152.6290, 35.4380, 18.5580

Conversions

Conversions Part 2

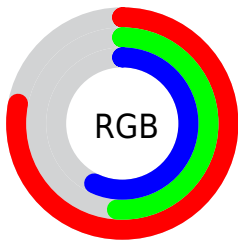
Format	Color
R _Y B	198, 131, 145
Decimal	13009809
CIE Lab	61.90, 27.71, 3.16
CIE LCh	62, 27.888, 6.500
Yxy	30.2827, 0.3745, 0.3106
Android (android.graphics.Color)	4291199889 (0xFFC68391)
YUV	152.6290, -3.7611, 39.7904
Hunter-Lab	55.0297, 22.1346, 5.4420

Details

The Yxy color **30.2827, 0.3745, 0.3106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6713, 0.2737, 0.3486**, and the grayscale version is **31.6913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0814, 0.3608, 0.3146**, and **12.5507, 0.3958, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **25.0133, 0.4024, 0.3052**, and if you desaturate by 10%, it is **36.6379, 0.3515, 0.3163**.

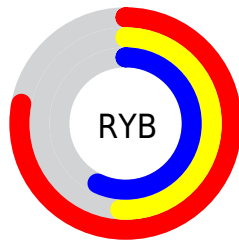
Distribution



Red (78%)

Green (51%)

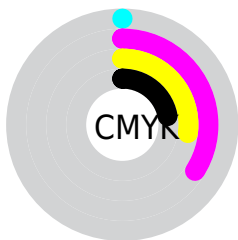
Blue (57%)



Red (78%)

Yellow (51%)

Blue (57%)

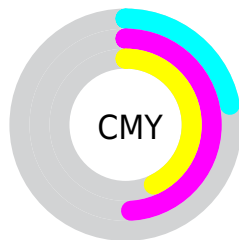


Cyan (0%)

Magenta (34%)

Yellow (27%)

Black (22%)



Cyan (22%)


Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2827, 0.3745, 0.3106 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 30.2827, 0.3745, 0.3106 by changing the saturation by 10% instead.


 30.2827, 0.3745,
0.3106


 30.2827, 0.3745,
0.3106


303.2200, 0.3413,
0.3208

 20.0533, 0.3836,
0.3077


 60.1090, 0.3618,
0.3146

 12.4338, 0.3959,
0.3037


 80.4746, 0.3572,
0.3160

 7.0398, 0.4133,
0.2980


 104.9877, 0.3534,
0.3171

 3.4870, 0.4396,
0.2891

134.0328, 0.3502,
0.3181

 1.3910, 0.4839,
0.2733

167.9941, 0.3475,
0.3189

 0.2101, 0.8008,
0.1919

207.2562, 0.3451,

 0.0000, 0.0000,

0.3196

0.0000

252.2033, 0.3431,
0.3202

■ 30.2827, 0.3745,
0.3106

■ 30.2827, 0.3745,
0.3106

■ 25.0133, 0.4024,
0.3052

■ 36.6379, 0.3515,
0.3163

■ 20.7645, 0.4354,
0.3006

■ 44.1305, 0.3329,
0.3218

■ 17.4710, 0.4732,
0.2976


■ 52.8142, 0.3177,
0.3271

■ 15.0579, 0.5139,
0.2971


■ 62.7378, 0.3055,
0.3320

■ 13.4393, 0.5539,
0.3001

■ 73.9475, 0.2955,
0.3364

 12.5114, 0.5886,
0.3066

 86.4871, 0.2874,
0.3405

 12.1666, 0.6062,
0.3113

 90.7229, 0.2796,
0.3293

 90.7444, 0.2794,
0.3289

Harmonies

Analogous

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



30.2827, 0.3321, 0.2804



30.2827, 0.3745, 0.3106



30.2827, 0.3997, 0.3464

Triad

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



30.2827, 0.3745, 0.3106



30.2827, 0.3338, 0.4088



30.2827, 0.2325, 0.2706

Complementary

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



30.2827, 0.3745, 0.3106



48.6713, 0.2737, 0.3486

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.



30.2827, 0.2329, 0.3015



30.2827, 0.3745, 0.3106



30.2827, 0.2894, 0.3862

Square

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



30.2827, 0.3745, 0.3106



30.2827, 0.3743, 0.4051



30.2827, 0.2530, 0.3447



30.2827, 0.2514, 0.2571

Rectangle

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



30.2827, 0.3745, 0.3106



30.2827, 0.4023, 0.3700



30.2827, 0.2530, 0.3447



30.2827, 0.2304, 0.2790

Sweetspot

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



30.2841, 0.3745, 0.3106



83.5634, 0.3269, 0.3238



30.4387, 0.3020, 0.2422



17.4299, 0.3292, 0.3230



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.



30.2841, 0.3745, 0.3106



46.2051, 0.3957, 0.3063



35.4527, 0.3827, 0.3544



10.6725, 0.3257, 0.3242



7.9234, 0.6031, 0.3096



0.3860, 0.5444, 0.2772

Inverse Universe

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



30.2841, 0.3745, 0.3106



46.2051, 0.3957, 0.3063



41.1484, 0.2617, 0.3019



10.6725, 0.3257, 0.3242



7.9234, 0.6031, 0.3096



0.3860, 0.5444, 0.2772

Previews

White Background



This preview shows how the Yxy color 30.2827, 0.3745, 0.3106 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 30.2827, 0.3745, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

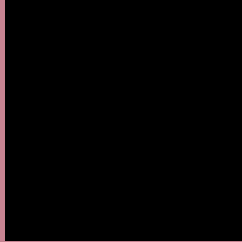
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2827, 0.3745, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 30.2827, 0.3745, 0.3106.



This preview shows how white text looks on a background with the Yxy color 30.2827, 0.3745, 0.3106.

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

30.2827, 0.3745, 0.3106

Protanopia

30.4408, 0.3091, 0.3197

Deuteranopia

30.4193, 0.3393, 0.3336



Tritanopia

30.4613, 0.3777, 0.3159

Trichromacy



Original Color

30.2827, 0.3745, 0.3106

Protanomaly

29.9052, 0.3316, 0.3158

Deuteranomaly

30.2043, 0.3516, 0.3248

Tritanomaly

30.4915, 0.3765, 0.3145

Monochromacy



Original Color

30.2827, 0.3745, 0.3106

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8878, 0.3332, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2827, 0.3745, 0.3106 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(198, 131, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 131, 145)  
}
```

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(198, 131, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 131, 145) }
```

Border

The CSS property to change the border of an element to Yxy 30.2827, 0.3745, 0.3106 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(198, 131, 145) }
```

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

```
.border{ border-color:rgb(198, 131, 145) }
```

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

Here you see how a box with a 4 pixel rgb(198, 131, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 131, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 131, 145);  
box-shadow:4px 4px 4px 4px rgb(198, 131,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2827, 0.3745, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 131, 145) }
```

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

```
.background{ background-color: rgb(198,  
131, 145) }
```

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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