

Converting Colors

$Yxy(30.9648, 0.3724, 0.3145)$

Have a look what the booklet for
Yxy(30.9648, 0.3724, 0.3145)
contains.

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Color

Yxy(30.9648, 0.3724, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	C58691
RGB	197, 134, 145
RGB Percent	77%, 53%, 57%
CMY	0.2274, 0.4745, 0.4314
CMYK	0.00, 0.32, 0.26, 0.23
HSL	350°, 35%, 65%
HSV	350°, 32%, 77%
XYZ	36.6655, 30.9648, 30.8270
YIQ	154.0910, 34.0170, 16.7770

Conversions

Conversions Part 2

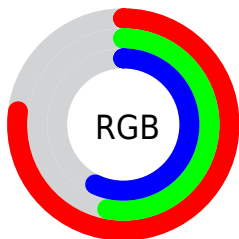
Format	Color
RYB	197, 134, 145
Decimal	12945041
CIELab	62.48, 25.71, 3.98
CIElCh	62, 26.018, 8.799
Yxy	30.9648, 0.3724, 0.3145
Android (android.graphics.Color)	4291135121 (0xFFC58691)
YUV	154.0910, -4.4819, 37.6312
Hunter-Lab	55.6460, 20.2341, 6.1066

Details

The Yxy color **30.9648, 0.3724, 0.3145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5574, 0.2742, 0.3443**, and the grayscale version is **32.3664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3500, 0.3601, 0.3177**, and **12.9177, 0.3925, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **25.5518, 0.4006, 0.3099**, and if you desaturate by 10%, it is **37.4671, 0.3493, 0.3192**.

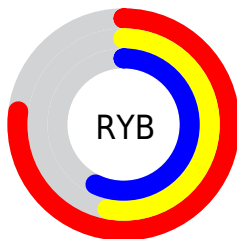
Distribution



Red (77%)

Green (53%)

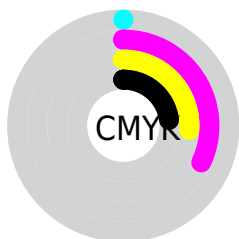
Blue (57%)



Red (77%)

Yellow (53%)

Blue (57%)

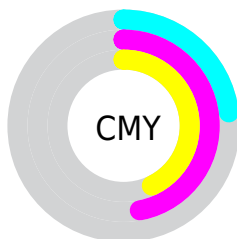


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9648, 0.3724, 0.3145 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 30.9648, 0.3724, 0.3145 by changing the saturation by 10% instead.


 30.9648, 0.3724,
0.3145


 30.9648, 0.3724,
0.3145


306.3761, 0.3404,
0.3226


 20.5720, 0.3812,
0.3122


 61.1846, 0.3602,
0.3177

 12.8115, 0.3930,
0.3089


 81.7805, 0.3558,
0.3188

 7.2989, 0.4096,
0.3042


 106.5462, 0.3521,
0.3197

 3.6497, 0.4347,
0.2968

135.8662, 0.3490,
0.3205

 1.4796, 0.4768,
0.2836

170.1248, 0.3464,
0.3211

 0.2743, 0.7511,
0.2317

209.7063, 0.3441,

 0.0000, 0.0000,

0.3217

0.0000

254.9953, 0.3421,
0.3222

■ 30.9648, 0.3724,
0.3145

■ 30.9648, 0.3724,
0.3145

■ 25.5518, 0.4006,
0.3099

■ 37.4671, 0.3493,
0.3192

■ 21.1643, 0.4343,
0.3060

■ 45.1093, 0.3305,
0.3238

■ 17.7385, 0.4730,
0.3033


■ 53.9440, 0.3154,
0.3282


■ 15.2016, 0.5150,
0.3028


■ 64.0194, 0.3031,
0.3322


■ 13.4704, 0.5565,
0.3052

■ 75.3809, 0.2932,
0.3359

 12.4460, 0.5924,
0.3107

 88.0716, 0.2851,
0.3392

 11.9910, 0.6148,
0.3160

 90.6134, 0.2789,
0.3289

Harmonies

Analogous

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



30.9648, 0.3341, 0.2855



30.9648, 0.3724, 0.3145



30.9648, 0.3940, 0.3481

Triad

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



30.9648, 0.3724, 0.3145



30.9648, 0.3293, 0.4018



30.9648, 0.2387, 0.2733

Complementary

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



30.9648, 0.3724, 0.3145



48.5574, 0.2742, 0.3443

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.



30.9648, 0.2377, 0.3011



30.9648, 0.3724, 0.3145



30.9648, 0.2883, 0.3792

Square

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



30.9648, 0.3724, 0.3145



30.9648, 0.3675, 0.4007



30.9648, 0.2552, 0.3404



30.9648, 0.2577, 0.2618

Rectangle

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



30.9648, 0.3724, 0.3145



30.9648, 0.3953, 0.3699



30.9648, 0.2552, 0.3404



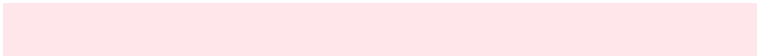
30.9648, 0.2363, 0.2808

Sweetspot

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



30.9663, 0.3724, 0.3145



83.5132, 0.3275, 0.3247



31.4537, 0.3048, 0.2476



17.4178, 0.3298, 0.3240



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.



30.9663, 0.3724, 0.3145



48.8430, 0.3904, 0.3115



36.6906, 0.3769, 0.3557



10.6666, 0.3263, 0.3250



7.8937, 0.6121, 0.3145



0.3833, 0.5574, 0.2844

Inverse Universe

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



30.9663, 0.3724, 0.3145



48.8430, 0.3904, 0.3115



40.5699, 0.2640, 0.3005



10.6666, 0.3263, 0.3250



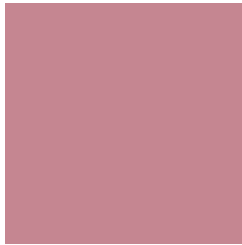
7.8937, 0.6121, 0.3145



0.3833, 0.5574, 0.2844

Previews

White Background



This preview shows how the Yxy color 30.9648, 0.3724, 0.3145 looks on a white background.

Color Contrast Check

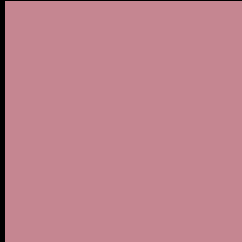
Large Text (above 18pt) WCAG AA × Fail

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 30.9648, 0.3724, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

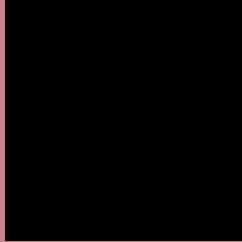
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9648, 0.3724, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 30.9648, 0.3724, 0.3145.



This preview shows how white text looks on a background with the Yxy color 30.9648, 0.3724, 0.3145.

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

30.9648, 0.3724, 0.3145

Protanopia

31.2386, 0.3119, 0.3244

Deuteranopia

30.9760, 0.3402, 0.3335



Tritanopia

30.9341, 0.3735, 0.3158

Trichromacy



Original Color

30.9648, 0.3724, 0.3145

Protanomaly

30.9202, 0.3322, 0.3203

Deuteranomaly

30.9433, 0.3511, 0.3263

Tritanomaly

30.9341, 0.3735, 0.3158

Monochromacy



Original Color

30.9648, 0.3724, 0.3145

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6479, 0.3329, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9648, 0.3724, 0.3145 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(197, 134, 145)` looks like.

```
.text, #text, p{  
    color:rgb(197, 134, 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(197, 134, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 134, 145) }
```

Border

The CSS property to change the border of an element to Yxy 30.9648, 0.3724, 0.3145 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(197, 134, 145) }
```

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

```
.border{ border-color:rgb(197, 134, 145) }
```

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

Here you see how a box with a 4 pixel rgb(197, 134, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 134, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 134, 145);  
box-shadow:4px 4px 4px 4px rgb(197, 134,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9648, 0.3724, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 134, 145) }
```

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

```
.background{ background-color: rgb(197,  
134, 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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