

Converting Colors

$Yxy(31.2840, 0.3679, 0.3102)$

Have a look what the booklet for
Yxy(31.2840, 0.3679, 0.3102)
contains.

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Color

Yxy(31.3682, 0.3674, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	C58795
RGB	197, 135, 149
RGB Percent	77%, 53%, 58%
CMY	0.2274, 0.4706, 0.4156
CMYK	0.00, 0.31, 0.24, 0.23
HSL	346°, 35%, 65%
HSV	346°, 31%, 77%
XYZ	37.1165, 31.3682, 32.5401
YIQ	155.1340, 32.4580, 17.4980

Conversions

Conversions Part 2

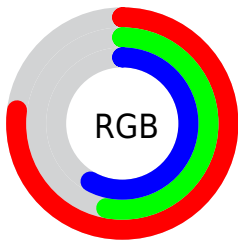
Format	Color
R_{YB}	197, 135, 149
Decimal	12945301
CIE _{Lab}	62.82, 25.74, 2.18
CIE _{LCh}	63, 25.828, 4.833
Yxy	31.3682, 0.3674, 0.3105
Android (android.graphics.Color)	4291135381 (0xFFC58795)
YUV	155.1340, -3.0241, 36.7165
Hunter-Lab	56.0073, 20.2806, 4.7578

Details

The Yxy color **31.3682, 0.3674, 0.3105** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5033, 0.2767, 0.3486**, and the grayscale version is **32.8449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9670, 0.3565, 0.3146**, and **12.9733, 0.3872, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **25.9159, 0.3934, 0.3045**, and if you desaturate by 10%, it is **37.9043, 0.3460, 0.3166**.

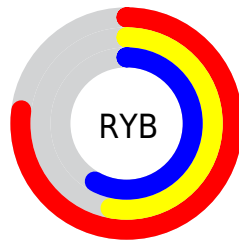
Distribution



Red (77%)

Green (53%)

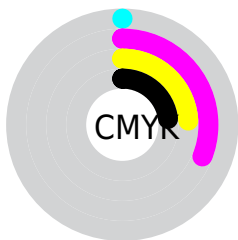
Blue (58%)



Red (77%)

Yellow (53%)

Blue (58%)

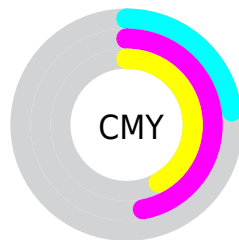


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.3682, 0.3674, 0.3105 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 31.3682, 0.3674, 0.3105 by changing the saturation by 10% instead.


 31.3682, 0.3674,
0.3105

 31.3682, 0.3674,
0.3105


308.2310, 0.3382,
0.3206

 20.8794, 0.3754,
0.3077


 61.8193, 0.3563,
0.3144

 13.0359, 0.3860,
0.3039


 82.5504, 0.3523,
0.3158

 7.4532, 0.4011,
0.2985


 107.4643, 0.3489,
0.3169

 3.7471, 0.4237,
0.2902

136.9456, 0.3461,
0.3179

 1.5331, 0.4614,
0.2759

171.3784, 0.3437,
0.3187

 0.3119, 0.6500,
0.2186


211.1474, 0.3416,


 0.0000, 0.0000,


0.3194


0.0000

256.6368, 0.3398,
0.3200

 31.3682, 0.3674,
0.3105


 31.3682, 0.3674,
0.3105


 25.9159, 0.3934,
0.3045

 37.9043, 0.3460,
0.3166


 21.4844, 0.4244,
0.2992

 45.5739, 0.3287,
0.3226

 18.0109, 0.4603,
0.2954

 54.4292, 0.3146,
0.3282

 15.4237, 0.4996,
0.2939

 64.5175, 0.3031,
0.3334

 13.6412, 0.5395,
0.2959

 75.8838, 0.2938,
0.3382

■ 12.5663, 0.5757,
0.3017

■ 88.5707, 0.2862,
0.3425

■ 12.0567, 0.6012,
0.3086

■ 90.6108, 0.2789,
0.3289

Harmonies

Analogous

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



31.3682, 0.3283, 0.2829



31.3682, 0.3674, 0.3105



31.3682, 0.3915, 0.3435

Triad

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



31.3682, 0.3674, 0.3105



31.3682, 0.3346, 0.4022



31.3682, 0.2383, 0.2767

Complementary

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



31.3682, 0.3674, 0.3105



48.5033, 0.2767, 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.



31.3682, 0.2398, 0.3061



31.3682, 0.3674, 0.3105



31.3682, 0.2937, 0.3827

Square

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



31.3682, 0.3674, 0.3105



31.3682, 0.3711, 0.3980



31.3682, 0.2594, 0.3457



31.3682, 0.2549, 0.2631

Rectangle

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



31.3682, 0.3674, 0.3105



31.3682, 0.3949, 0.3654



31.3682, 0.2594, 0.3457



31.3682, 0.2367, 0.2849

Sweetspot

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



31.3697, 0.3674, 0.3105



85.1298, 0.3251, 0.3239



31.3702, 0.3019, 0.2482



17.7431, 0.3273, 0.3231



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.



31.3697, 0.3674, 0.3105



49.0435, 0.3854, 0.3062



35.9260, 0.3768, 0.3512



10.6756, 0.3255, 0.3238



7.9406, 0.5981, 0.3069



0.3874, 0.5380, 0.2737

Inverse Universe

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



31.3697, 0.3674, 0.3105



49.0435, 0.3854, 0.3062



42.0148, 0.2653, 0.3055



10.6756, 0.3255, 0.3238



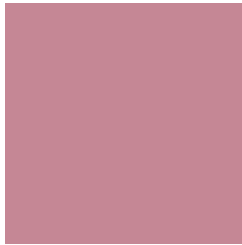
7.9406, 0.5981, 0.3069



0.3874, 0.5380, 0.2737

Previews

White Background



This preview shows how the Yxy color 31.3682, 0.3674, 0.3105 looks on a white background.

Color Contrast Check

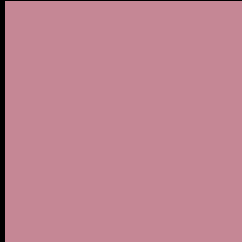
Large Text (above 18pt) WCAG AA × Fail

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 31.3682, 0.3674, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

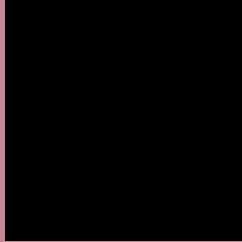
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3682, 0.3674, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 31.3682, 0.3674, 0.3105.



This preview shows how white text looks on a background with the Yxy color 31.3682, 0.3674, 0.3105.

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

31.3682, 0.3674, 0.3105

Protanopia

31.4087, 0.3073, 0.3168

Deuteranopia

31.4090, 0.3359, 0.3291



Tritanopia

31.5540, 0.3705, 0.3158

Trichromacy



Original Color

31.3682, 0.3674, 0.3105

Protanomaly

31.0524, 0.3281, 0.3144

Deuteranomaly

31.3667, 0.3465, 0.3220

Tritanomaly

31.5852, 0.3694, 0.3145

Monochromacy



Original Color

31.3682, 0.3674, 0.3105

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.0258, 0.3307, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3682, 0.3674, 0.3105 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, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(197, 135, 149)  
}
```

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, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 135, 149) }
```

Border

The CSS property to change the border of an element to Yxy 31.3682, 0.3674, 0.3105 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, 135, 149) }
```

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

```
.border{ border-color:rgb(197, 135, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 135, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(197, 135,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3682, 0.3674, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 135, 149) }
```

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

```
.background{ background-color: rgb(197,  
135, 149) }
```

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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