

Converting Colors

$Y_{xy}(29.4369, 0.3765, 0.3055)$

Have a look what the booklet for
Yxy(29.4369, 0.3765, 0.3055)
contains.

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Color

Yxy(29.3652, 0.3770, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	C77F91
RGB	199, 127, 145
RGB Percent	78%, 50%, 57%
CMY	0.2197, 0.5019, 0.4314
CMYK	0.00, 0.36, 0.27, 0.22
HSL	345°, 39%, 64%
HSV	345°, 36%, 78%
XYZ	36.2498, 29.3652, 30.5383
YIQ	150.5800, 37.1340, 20.8620

Conversions

Conversions Part 2

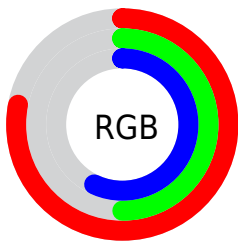
Format	Color
R_{YB}	199, 127, 145
Decimal	13074321
CIE Lab	61.10, 30.26, 2.02
CIE LCh	61, 30.327, 3.819
Yxy	29.3652, 0.3770, 0.3054
Android (android.graphics.Color)	4291264401 (0xFFC77F91)
YUV	150.5800, -2.7509, 42.4643
Hunter-Lab	54.1897, 24.5743, 4.5202

Details

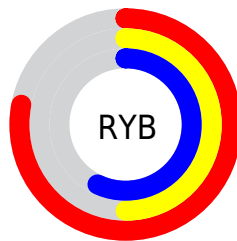
The Yxy color **29.3652, 0.3770, 0.3054** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6912, 0.2731, 0.3545**, and the grayscale version is **30.7594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4313, 0.3617, 0.3104**, and **11.9736, 0.3981, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **24.2930, 0.4044, 0.2990**, and if you desaturate by 10%, it is **35.5158, 0.3543, 0.3122**.

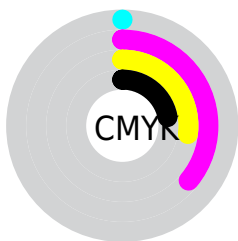
Distribution



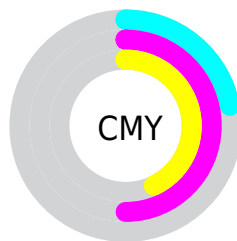
- Red (78%)
- Green (50%)
- Blue (57%)



- Red (78%)
- Yellow (50%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3652, 0.3770, 0.3054 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 29.3652, 0.3770, 0.3054 by changing the saturation by 10% instead.


 29.3652, 0.3770,
0.3054


 29.3652, 0.3770,
0.3054


298.9342, 0.3423,
0.3183

 19.3573, 0.3866,
0.3018


 58.6568, 0.3637,
0.3104

 11.9287, 0.3995,
0.2968


 78.7093, 0.3590,
0.3122

 6.6952, 0.4178,
0.2897


 102.8787, 0.3550,
0.3136

 3.2722, 0.4456,
0.2788

131.5495, 0.3517,
0.3149

 1.2754, 0.4926,
0.2597

165.1061, 0.3488,
0.3159

 0.1221, 0.8750,
0.1250


203.9328, 0.3464,


 0.0000, 0.0000,


0.3168


0.0000


248.4140, 0.3442,
0.3176


 29.3652, 0.3770,
0.3054


 29.3652, 0.3770,
0.3054

 24.2930, 0.4044,
0.2990


 35.5158, 0.3543,
0.3122

 20.2325, 0.4366,
0.2937


 42.7979, 0.3357,
0.3189


 17.1164, 0.4731,
0.2904


 51.2662, 0.3206,
0.3253

 14.8671, 0.5120,
0.2902


 60.9705, 0.3083,
0.3312


 13.3947, 0.5500,
0.2939

 71.9578, 0.2983,
0.3367

 12.5855, 0.5831,
0.3016

 84.2728, 0.2902,
0.3417

 12.3679, 0.5943,
0.3047

 90.5311, 0.2828,
0.3347

 90.8804, 0.2800,
0.3289

Harmonies

Analogous

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



29.3652, 0.3293, 0.2736



29.3652, 0.3770, 0.3054



29.3652, 0.4070, 0.3439

Triad

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



29.3652, 0.3770, 0.3054



29.3652, 0.3398, 0.4180



29.3652, 0.2244, 0.2671

Complementary

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



29.3652, 0.3770, 0.3054



48.6912, 0.2731, 0.3545

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.



29.3652, 0.2268, 0.3022



29.3652, 0.3770, 0.3054



29.3652, 0.2910, 0.3956

Square

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



29.3652, 0.3770, 0.3054



29.3652, 0.3833, 0.4107



29.3652, 0.2502, 0.3505



29.3652, 0.2430, 0.2511

Rectangle

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



29.3652, 0.3770, 0.3054



29.3652, 0.4115, 0.3698



29.3652, 0.2502, 0.3505



29.3652, 0.2228, 0.2768

Sweetspot

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



29.3666, 0.3770, 0.3054



82.1086, 0.3277, 0.3221



29.1284, 0.2985, 0.2353



17.1423, 0.3298, 0.3212



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.



29.3666, 0.3770, 0.3054



44.6244, 0.3970, 0.3006



33.9262, 0.3903, 0.3531



10.6797, 0.3251, 0.3233



7.9660, 0.5909, 0.3029



0.3892, 0.5298, 0.2692

Inverse Universe

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



29.3666, 0.3770, 0.3054



44.6244, 0.3970, 0.3006



41.6814, 0.2589, 0.3032



10.6797, 0.3251, 0.3233



7.9660, 0.5909, 0.3029



0.3892, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 29.3652, 0.3770, 0.3054 looks on a white background.

Color Contrast Check

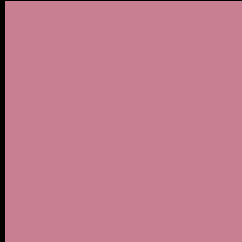
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3652, 0.3770, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

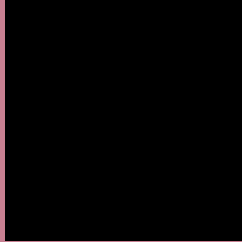
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3652, 0.3770, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 29.3652, 0.3770, 0.3054.



This preview shows how white text looks on a background with the Yxy color 29.3652, 0.3770, 0.3054.

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

29.3652, 0.3770, 0.3054

Protanopia

29.5977, 0.3043, 0.3134

Deuteranopia

29.4904, 0.3365, 0.3306



Tritanopia

29.2791, 0.3840, 0.3159

Trichromacy



Original Color

29.3652, 0.3770, 0.3054

Protanomaly

29.2716, 0.3288, 0.3098

Deuteranomaly

29.2216, 0.3513, 0.3204

Tritanomaly

29.3672, 0.3804, 0.3119

Monochromacy



Original Color

29.3652, 0.3770, 0.3054

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8408, 0.3337, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3652, 0.3770, 0.3054 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, 127, 145)` looks like.

```
.text, #text, p{  
    color:rgb(199, 127, 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(199, 127, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 127, 145) }
```

Border

The CSS property to change the border of an element to Yxy 29.3652, 0.3770, 0.3054 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, 127, 145) }
```

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

```
.border{ border-color:rgb(199, 127, 145) }
```

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

Here you see how a box with a 4 pixel rgb(199, 127, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 127, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 127, 145);  
box-shadow:4px 4px 4px 4px rgb(199, 127,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3652, 0.3770, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 127, 145) }
```

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

```
.background{ background-color: rgb(199,  
127, 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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