

Converting Colors

$Y_{xy}(29.4194, 0.3140, 0.2351)$

Have a look what the booklet for
Yxy(29.4194, 0.3140, 0.2351)
contains.

Yxy(29.4196, 0.3139, 0.2351)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.4196, 0.3139, 0.2351)

Conversions

Conversions Part 1

Format	Color
Hex	C27AC5
RGB	194, 122, 197
RGB Percent	76%, 48%, 77%
CMY	0.2393, 0.5215, 0.2274
CMYK	0.02, 0.38, 0.00, 0.23
HSL	298°, 39%, 63%
HSV	298°, 38%, 77%
XYZ	39.2804, 29.4196, 56.4366
YIQ	152.0780, 18.8370, 38.5890

Conversions

Conversions Part 2

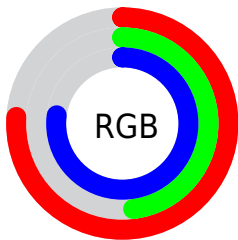
Format	Color
RYB	194, 122, 197
Decimal	12745413
CIELab	61.15, 39.89, -27.64
CIElCh	61, 48.529, 325.283
Yxy	29.4196, 0.3139, 0.2351
Android (android.graphics.Color)	4290935493 (0xFFC27AC5)
YUV	152.0780, 22.1465, 36.7656
Hunter-Lab	54.2398, 34.3496, -23.7234

Details

The Yxy color **29.4196, 0.3139, 0.2351** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **45.7067, 0.3095, 0.4428**, and the grayscale version is **31.3325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9019, 0.3147, 0.2520**, and **11.9786, 0.3122, 0.2094** is the 20% darker color. If you saturate the color by 10%, you get **24.9571, 0.3139, 0.2123**, and if you desaturate by 10%, it is **34.8659, 0.3138, 0.2595**.

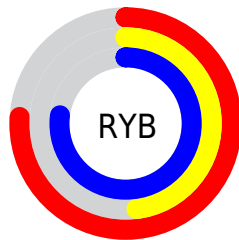
Distribution



Red (76%)

Green (48%)

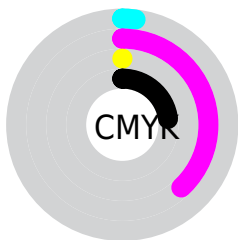
Blue (77%)



Red (76%)

Yellow (48%)

Blue (77%)

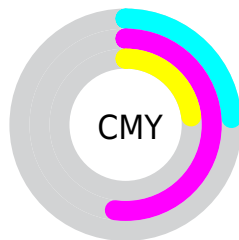


Cyan (2%)

Magenta (38%)

Yellow (0%)

Black (23%)



Cyan (24%)


Magenta (52%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4196, 0.3139, 0.2351 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 29.4196, 0.3139, 0.2351 by changing the saturation by 10% instead.


 29.4196, 0.3139,
0.2351


 29.4196, 0.3139,
0.2351


299.1896, 0.3147,
0.2817

 19.3985, 0.3132,
0.2237


 58.7431, 0.3145,
0.2519

 11.9586, 0.3121,
0.2093


 78.8142, 0.3147,
0.2582

 6.7155, 0.3101,
0.1906


 103.0042, 0.3147,
0.2636

 3.2848, 0.3064,
0.1654

131.6973, 0.3148,
0.2682

 1.2822, 0.2987,
0.1304

165.2780, 0.3148,
0.2722

 0.1273, 0.2953,
0.0335

204.1307, 0.3147,

 0.0000, 0.0469,

0.2758


0.0000

248.6398, 0.3147,
0.2789


 0.0000, 0.0000,
0.0000


 29.4196, 0.3139,
0.2351


 29.4196, 0.3139,
0.2351


 24.9571, 0.3139,
0.2123


 34.8659, 0.3138,
0.2595


 21.4150, 0.3137,
0.1920


 41.3468, 0.3135,
0.2846

 18.7284, 0.3132,
0.1752


 48.9141, 0.3131,
0.3095

 16.8224, 0.3126,
0.1624

 57.6152, 0.3126,
0.3336

 15.6092, 0.3119,
0.1539


 67.4945, 0.3121,
0.3565


 14.9560, 0.3109,
0.1493

 78.5941, 0.3116,
0.3779

 14.8534, 0.3108,
0.1486

 87.7704, 0.3113,
0.3929

 87.8804, 0.3118,
0.3928

 87.9909, 0.3122,
0.3927

Harmonies

Analogous

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



29.4196, 0.2424, 0.2127



29.4196, 0.3139, 0.2351



29.4196, 0.3948, 0.2764

Triad

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



29.4196, 0.3139, 0.2351



29.4196, 0.4348, 0.4414



29.4196, 0.1882, 0.3028

Complementary

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



29.4196, 0.3139, 0.2351



45.7067, 0.3095, 0.4428

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.



29.4196, 0.2293, 0.3866



29.4196, 0.3139, 0.2351



29.4196, 0.3712, 0.4737

Square

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



29.4196, 0.3139, 0.2351



29.4196, 0.4679, 0.3874



29.4196, 0.2959, 0.4568



29.4196, 0.1776, 0.2425

Rectangle

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



29.4196, 0.3139, 0.2351



29.4196, 0.4389, 0.3110



29.4196, 0.2959, 0.4568



29.4196, 0.1985, 0.3293

Sweetspot

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



29.4209, 0.3139, 0.2351



83.1758, 0.3132, 0.3018



23.0335, 0.2444, 0.2204



17.3967, 0.3133, 0.2984



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.



29.4209, 0.3139, 0.2351



45.6803, 0.3139, 0.2153



28.4493, 0.3542, 0.2751



10.7939, 0.3131, 0.3062



9.7779, 0.3109, 0.1486



0.4699, 0.3131, 0.1499

Inverse Universe

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



27.2777, 0.4017, 0.3252



41.3177, 0.4334, 0.3244



46.4680, 0.2856, 0.3906



10.6438, 0.3283, 0.3281



7.8222, 0.6351, 0.3272



0.3729, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 29.4196, 0.3139, 0.2351 looks on a white background.

Color Contrast Check

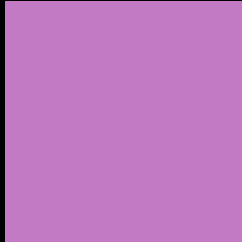
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4196, 0.3139, 0.2351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

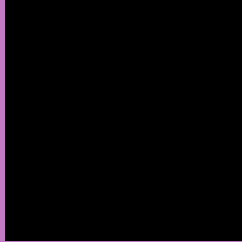
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4196, 0.3139, 0.2351

Background



This preview shows how black text looks on a background with the Yxy color 29.4196, 0.3139, 0.2351.



This preview shows how white text looks on a background with the Yxy color 29.4196, 0.3139, 0.2351.

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

29.4196, 0.3139, 0.2351

Protanopia

29.8240, 0.2399, 0.2308

Deuteranopia

29.5043, 0.2645, 0.2582



Tritanopia

29.3230, 0.3638, 0.3152

Trichromacy



Original Color

29.4196, 0.3139, 0.2351

Protanomaly

28.9294, 0.2625, 0.2308

Deuteranomaly

29.0555, 0.2808, 0.2489

Tritanomaly

29.2920, 0.3452, 0.2833

Monochromacy



Original Color

29.4196, 0.3139, 0.2351

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.0924, 0.3135, 0.2900

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4196, 0.3139, 0.2351 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 122, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 122, 197) }
```

Border

The CSS property to change the border of an element to Yxy 29.4196, 0.3139, 0.2351 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, 197) }
```

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

```
.border{ border-color:rgb(194, 122, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 122, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 122, 197); box-shadow:4px 4px 4px 4px rgb(194, 122, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4196, 0.3139, 0.2351 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, 197) }
```

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

```
.background{ background-color: rgb(194,  
122, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor