

Converting Colors

$Y_{xy}(29.3071, 0.3234, 0.2413)$

Have a look what the booklet for
Yxy(29.3071, 0.3234, 0.2413)
contains.

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Color

Yxy(29.3066, 0.3233, 0.2413)

Conversions

Conversions Part 1

Format	Color
Hex	C579BF
RGB	197, 121, 191
RGB Percent	77%, 47%, 75%
CMY	0.2275, 0.5255, 0.2510
CMYK	0.00, 0.39, 0.03, 0.23
HSL	305°, 40%, 62%
HSV	305°, 39%, 77%
XYZ	39.2657, 29.3066, 52.8806
YIQ	151.7040, 22.8260, 37.8820

Conversions

Conversions Part 2

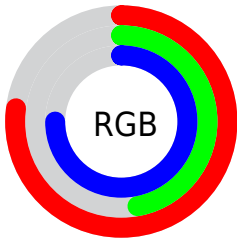
Format	Color
RYB	197, 121, 191
Decimal	12941759
CIELab	61.05, 40.27, -24.36
CIELCh	61, 47.065, 328.828
Yxy	29.3066, 0.3233, 0.2413
Android (android.graphics.Color)	4291131839 (0xFFC579BF)
YUV	151.7040, 19.3729, 39.7246
Hunter-Lab	54.1356, 34.7328, -20.0207

Details

The Yxy color **29.3066, 0.3233, 0.2413** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.5261, 0.3035, 0.4361**, and the grayscale version is **31.1739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6973, 0.3218, 0.2569**, and **11.9372, 0.3258, 0.2177** is the 20% darker color. If you saturate the color by 10%, you get **24.9307, 0.3265, 0.2204**, and if you desaturate by 10%, it is **34.6634, 0.3202, 0.2638**.

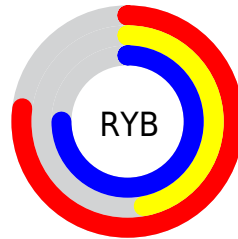
Distribution



Red (77%)

Green (47%)

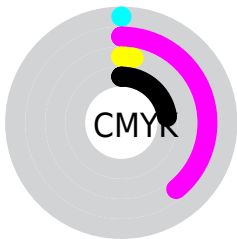
Blue (75%)



Red (77%)

Yellow (47%)

Blue (75%)

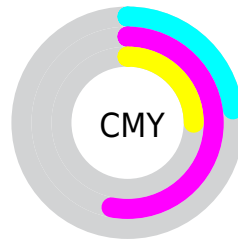


Cyan (0%)

Magenta (39%)

Yellow (3%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3066, 0.3233, 0.2413 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 29.3066, 0.3233, 0.2413 by changing the saturation by 10% instead.


 29.3066, 0.3233,
0.2413


 29.3066, 0.3233,
0.2413


298.6588, 0.3190,
0.2850


 19.3129, 0.3240,
0.2305


 58.5639, 0.3220,
0.2571

 11.8966, 0.3248,
0.2168


 78.5962, 0.3214,
0.2631

 6.6733, 0.3253,
0.1988


 102.7435, 0.3209,
0.2681

 3.2586, 0.3253,
0.1743

131.3902, 0.3204,
0.2725

 1.2682, 0.3234,
0.1397

164.9207, 0.3200,
0.2763

 0.1164, 0.3341,
0.0347

203.7194, 0.3196,

 0.0000, 0.0622,

0.2795

0.0000

248.1706, 0.3193,
0.2825

■ 0.0000, 0.0000,
0.0000

■ 29.3066, 0.3233,
0.2413

■ 29.3066, 0.3233,
0.2413

■ 24.9307, 0.3265,
0.2204

■ 34.6634, 0.3202,
0.2638

■ 21.4718, 0.3298,
0.2019

■ 41.0521, 0.3174,
0.2869

■ 18.8649, 0.3330,
0.1867


■ 48.5247, 0.3147,
0.3099

■ 17.0345, 0.3361,
0.1756


■ 57.1285, 0.3124,
0.3321


■ 15.8920, 0.3389,
0.1689

■ 66.9084, 0.3103,
0.3533

 15.2951, 0.3415,
0.1660

 77.9063, 0.3085,
0.3731

 15.2248, 0.3418,
0.1657

 87.6470, 0.3070,
0.3876

 87.7209, 0.3062,
0.3858

 87.7954, 0.3053,
0.3841

Harmonies

Analogous

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



29.3066, 0.2515, 0.2170



29.3066, 0.3233, 0.2413



29.3066, 0.4010, 0.2835

Triad

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



29.3066, 0.3233, 0.2413



29.3066, 0.4257, 0.4440



29.3066, 0.1886, 0.2953

Complementary

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



29.3066, 0.3233, 0.2413



45.5261, 0.3035, 0.4361

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.



29.3066, 0.2254, 0.3750



29.3066, 0.3233, 0.2413



29.3066, 0.3616, 0.4704

Square

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



29.3066, 0.3233, 0.2413



29.3066, 0.4620, 0.3931



29.3066, 0.2882, 0.4468



29.3066, 0.1815, 0.2401

Rectangle

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



29.3066, 0.3233, 0.2413



29.3066, 0.4412, 0.3182



29.3066, 0.2882, 0.4468



29.3066, 0.1975, 0.3201

Sweetspot

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



29.3079, 0.3233, 0.2413



81.8523, 0.3157, 0.3016



22.1491, 0.2468, 0.2142



17.1358, 0.3160, 0.2986



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.



29.3079, 0.3233, 0.2413



45.9901, 0.3259, 0.2241



27.8770, 0.3656, 0.2856



10.8017, 0.3150, 0.3080



10.0208, 0.3415, 0.1655



0.4789, 0.3368, 0.1629

Inverse Universe

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



29.3079, 0.3233, 0.2413



45.9901, 0.3259, 0.2241



46.6766, 0.2796, 0.3777



10.8017, 0.3150, 0.3080



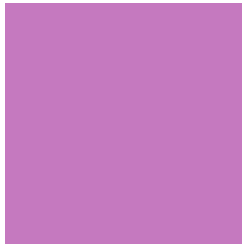
10.0208, 0.3415, 0.1655



0.4789, 0.3368, 0.1629

Previews

White Background



This preview shows how the Yxy color 29.3066, 0.3233, 0.2413 looks on a white background.

Color Contrast Check

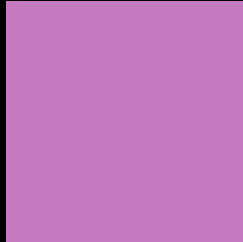
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3066, 0.3233, 0.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

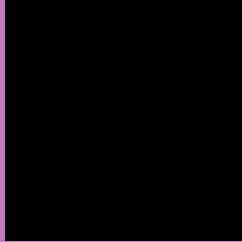
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3066, 0.3233, 0.2413

Background



This preview shows how black text looks on a background with the Yxy color 29.3066, 0.3233, 0.2413.



This preview shows how white text looks on a background with the Yxy color 29.3066, 0.3233, 0.2413.

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

29.3066, 0.3233, 0.2413

Protanopia

29.8001, 0.2451, 0.2370

Deuteranopia

29.5894, 0.2726, 0.2666



Tritanopia

29.2321, 0.3713, 0.3154

Trichromacy



Original Color

29.3066, 0.3233, 0.2413



Protanomaly

28.9754, 0.2689, 0.2371



Deuteranomaly

28.9205, 0.2898, 0.2556



Tritanomaly

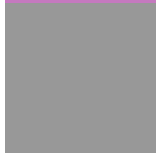
29.0194, 0.3535, 0.2863

Monochromacy



Original Color

29.3066, 0.3233, 0.2413



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

30.1278, 0.3165, 0.2929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3066, 0.3233, 0.2413 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, 121, 191)` looks like.

```
.text, #text, p{  
    color:rgb(197, 121, 191)  
}
```

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, 121, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 121, 191) }
```

Border

The CSS property to change the border of an element to Yxy 29.3066, 0.3233, 0.2413 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, 121, 191) }
```

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

```
.border{ border-color:rgb(197, 121, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 121, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 121, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 121, 191);  
box-shadow:4px 4px 4px 4px rgb(197, 121,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3066, 0.3233, 0.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 121, 191) }
```

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

```
.background{ background-color: rgb(197,  
121, 191) }
```

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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