

Converting Colors

$Y_{xy}(29.5094, 0.3126, 0.2408)$

Have a look what the booklet for
Yxy(29.5094, 0.3126, 0.2408)
contains.

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Color

Yxy(29.5094, 0.3126, 0.2408)

Conversions

Conversions Part 1

Format	Color
Hex	BE7DC2
RGB	190, 125, 194
RGB Percent	75%, 49%, 76%
CMY	0.2549, 0.5098, 0.2391
CMYK	0.02, 0.36, 0.00, 0.24
HSL	297°, 36%, 63%
HSV	297°, 36%, 76%
XYZ	38.3083, 29.5094, 54.7296
YIQ	152.3010, 16.5910, 35.2390

Conversions

Conversions Part 2

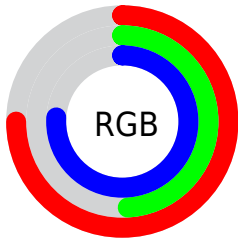
Format	Color
R _Y B	190, 125, 194
Decimal	12484034
CIE Lab	61.23, 36.45, -25.87
CIE LCh	61, 44.699, 324.641
Yxy	29.5094, 0.3126, 0.2408
Android (android.graphics.Color)	4290674114 (0xFFBE7DC2)
YUV	152.3010, 20.5576, 33.0620
Hunter-Lab	54.3226, 30.8138, -21.7085

Details

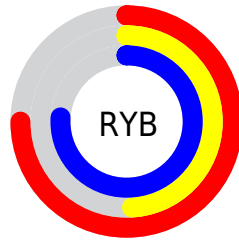
The Yxy color **29.5094, 0.3126, 0.2408** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7442, 0.3108, 0.4338**, and the grayscale version is **31.4411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9794, 0.3129, 0.2567**, and **11.9419, 0.3104, 0.2158** is the 20% darker color. If you saturate the color by 10%, you get **24.9236, 0.3122, 0.2173**, and if you desaturate by 10%, it is **35.0584, 0.3128, 0.2656**.

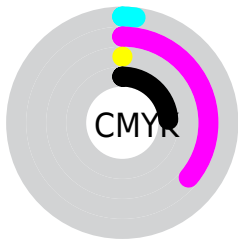
Distribution



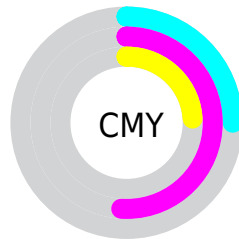
- Red (75%)
- Green (49%)
- Blue (76%)



- Red (75%)
- Yellow (49%)
- Blue (76%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)





- Cyan (25%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5094, 0.3126, 0.2408 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 29.5094, 0.3126, 0.2408 by changing the saturation by 10% instead.

 29.5094, 0.3126,
0.2408

 29.5094, 0.3126,
0.2408


299.6109, 0.3139,
0.2848


 19.4665, 0.3119,
0.2300


 58.8855, 0.3134,
0.2567

 12.0078, 0.3106,
0.2161

 78.9874, 0.3136,
0.2627

 6.7490, 0.3086,
0.1981


 103.2112, 0.3137,
0.2678

 3.3056, 0.3048,
0.1735

131.9411, 0.3138,
0.2722

 1.2933, 0.2971,
0.1388

165.5617, 0.3138,
0.2760

 0.1360, 0.2945,
0.0388

204.4572, 0.3139,

 0.0000, 0.0000,

0.2793

0.0000

249.0122, 0.3139,
0.2822

■ 29.5094, 0.3126,
0.2408

■ 29.5094, 0.3126,
0.2408

■ 24.9236, 0.3122,
0.2173

■ 35.0584, 0.3128,
0.2656

■ 21.2411, 0.3115,
0.1960

■ 41.6183, 0.3129,
0.2908

■ 18.4011, 0.3106,
0.1779


■ 49.2382, 0.3128,
0.3156

■ 16.3341, 0.3095,
0.1637


■ 57.9631, 0.3126,
0.3394


■ 14.9590, 0.3083,
0.1537


■ 67.8352, 0.3123,
0.3619

 14.1759, 0.3069,
0.1479

 78.8945, 0.3120,
0.3828

 13.9282, 0.3063,
0.1461

 87.4108, 0.3119,
0.3965

 87.5651, 0.3126,
0.3963

 87.7204, 0.3133,
0.3962

Harmonies

Analogous

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



29.5094, 0.2465, 0.2203



29.5094, 0.3126, 0.2408



29.5094, 0.3869, 0.2794

Triad

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



29.5094, 0.3126, 0.2408



29.5094, 0.4275, 0.4333



29.5094, 0.1975, 0.3071

Complementary

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



29.5094, 0.3126, 0.2408



44.7442, 0.3108, 0.4338

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.



29.5094, 0.2370, 0.3835



29.5094, 0.3126, 0.2408



29.5094, 0.3693, 0.4619

Square

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



29.5094, 0.3126, 0.2408



29.5094, 0.4564, 0.3836



29.5094, 0.2995, 0.4463



29.5094, 0.1866, 0.2503

Rectangle

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



29.5094, 0.3126, 0.2408



29.5094, 0.4277, 0.3119



29.5094, 0.2995, 0.4463



29.5094, 0.2076, 0.3315

Sweetspot

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



29.5107, 0.3126, 0.2408



81.2125, 0.3129, 0.3018



24.1158, 0.2498, 0.2306



17.3742, 0.3129, 0.2983



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.



29.5107, 0.3126, 0.2408



46.5868, 0.3123, 0.2216



28.8244, 0.3492, 0.2773



10.2167, 0.3129, 0.3062



9.1674, 0.3065, 0.1462



0.4053, 0.3099, 0.1481

Inverse Universe

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



27.7256, 0.3918, 0.3238



42.9040, 0.4195, 0.3226



45.3180, 0.2879, 0.3876



10.0872, 0.3280, 0.3277



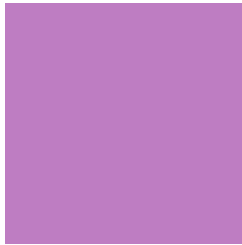
7.5613, 0.6328, 0.3260



0.3300, 0.6074, 0.3120

Previews

White Background



This preview shows how the Yxy color 29.5094, 0.3126, 0.2408 looks on a white background.

Color Contrast Check

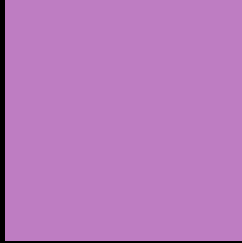
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5094, 0.3126, 0.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

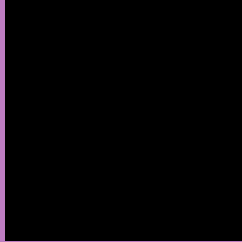
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5094, 0.3126, 0.2408

Background



This preview shows how black text looks on a background with the Yxy color 29.5094, 0.3126, 0.2408.



This preview shows how white text looks on a background with the Yxy color 29.5094, 0.3126, 0.2408.

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

29.5094, 0.3126, 0.2408

Protanopia

29.8001, 0.2451, 0.2370

Deuteranopia

29.5440, 0.2685, 0.2624



Tritanopia

29.4396, 0.3563, 0.3150

Trichromacy



Original Color

29.5094, 0.3126, 0.2408

Protanomaly

29.1159, 0.2665, 0.2369

Deuteranomaly

29.2076, 0.2834, 0.2540

Tritanomaly

29.3160, 0.3404, 0.2853

Monochromacy



Original Color

29.5094, 0.3126, 0.2408

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2430, 0.3134, 0.2927

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5094, 0.3126, 0.2408 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(190, 125, 194)` looks like.

```
.text, #text, p{  
    color:rgb(190, 125, 194)  
}
```

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(190, 125, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 125, 194) }
```

Border

The CSS property to change the border of an element to Yxy 29.5094, 0.3126, 0.2408 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(190, 125, 194) }
```

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

```
.border{ border-color:rgb(190, 125, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 125, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 125, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 125, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 125,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5094, 0.3126, 0.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 125, 194) }
```

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

```
.background{ background-color: rgb(190,  
125, 194) }
```

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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