

Converting Colors

$Y_{xy}(29.5251, 0.3038, 0.2522)$

Have a look what the booklet for
Yxy(29.5251, 0.3038, 0.2522)
contains.

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Color

Yxy(29.5238, 0.3038, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	B184BD
RGB	177, 132, 189
RGB Percent	69%, 52%, 74%
CMY	0.3060, 0.4823, 0.2588
CMYK	0.06, 0.30, 0.00, 0.26
HSL	287°, 30%, 63%
HSV	287°, 30%, 74%
XYZ	35.5644, 29.5238, 51.9769
YIQ	151.9530, 8.5230, 27.2670

Conversions

Conversions Part 2

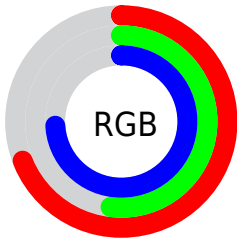
Format	Color
RYB	177, 132, 189
Decimal	11633853
CIELab	61.24, 27.36, -23.13
CIELCh	61, 35.831, 319.787
Yxy	29.5238, 0.3038, 0.2522
Android (android.graphics.Color)	4289823933 (0xFFB184BD)
YUV	151.9530, 18.2642, 21.9662
Hunter-Lab	54.3358, 21.7457, -18.6809

Details

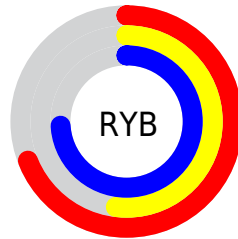
The Yxy color **29.5238, 0.3038, 0.2522** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.0029, 0.3183, 0.4135**, and the grayscale version is **31.2954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0340, 0.3062, 0.2673**, and **12.0972, 0.2995, 0.2297** is the 20% darker color. If you saturate the color by 10%, you get **24.3920, 0.2997, 0.2261**, and if you desaturate by 10%, it is **35.6006, 0.3073, 0.2785**.

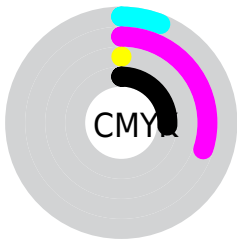
Distribution



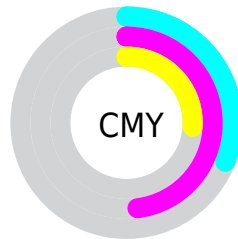
- Red (69%)
- Green (52%)
- Blue (74%)



- Red (69%)
- Yellow (52%)
- Blue (74%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (26%)




- Cyan (31%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5238, 0.3038, 0.2522 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 29.5238, 0.3038, 0.2522 by changing the saturation by 10% instead.


 29.5238, 0.3038,
0.2522


 29.5238, 0.3038,
0.2522


299.6784, 0.3094,
0.2911

 19.4774, 0.3020,
0.2424


 58.9083, 0.3061,
0.2664

 12.0158, 0.2995,
0.2298


 79.0152, 0.3069,
0.2717

 6.7544, 0.2957,
0.2131


 103.2443, 0.3075,
0.2762

 3.3090, 0.2895,
0.1899

131.9802, 0.3080,
0.2800

 1.2951, 0.2783,
0.1562

165.6072, 0.3085,
0.2834

 0.1374, 0.2711,
0.0466

204.5096, 0.3088,

 0.0000, 0.0000,

0.2863

0.0000

249.0719, 0.3091,
0.2888

■ 29.5238, 0.3038,
0.2522

■ 29.5238, 0.3038,
0.2522

■ 24.3920, 0.2997,
0.2261

■ 35.6006, 0.3073,
0.2785

■ 20.1511, 0.2951,
0.2011

■ 42.6652, 0.3103,
0.3041

■ 16.7474, 0.2900,
0.1783


■ 50.7621, 0.3127,
0.3286


■ 14.1196, 0.2845,
0.1587


■ 59.9323, 0.3146,
0.3516


■ 12.1981, 0.2789,
0.1431

■ 70.2143, 0.3161,
0.3728


 10.9005, 0.2733,
0.1321

 81.6448, 0.3173,
0.3923

 10.0717, 0.2678,
0.1249

 88.1637, 0.3190,
0.4012

 88.7387, 0.3216,
0.4007

 89.3283, 0.3241,
0.4001

Harmonies

Analogous

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



29.5238, 0.2519, 0.2380



29.5238, 0.3038, 0.2522



29.5238, 0.3634, 0.2827

Triad

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



29.5238, 0.3038, 0.2522



29.5238, 0.4125, 0.4101



29.5238, 0.2223, 0.3221

Complementary

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



29.5238, 0.3038, 0.2522



44.0029, 0.3183, 0.4135

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.



29.5238, 0.2593, 0.3817



29.5238, 0.3038, 0.2522



29.5238, 0.3691, 0.4340

Square

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



29.5238, 0.3038, 0.2522



29.5238, 0.4292, 0.3692



29.5238, 0.3128, 0.4257



29.5238, 0.2085, 0.2722

Rectangle

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



29.5238, 0.3038, 0.2522



29.5238, 0.3979, 0.3094



29.5238, 0.3128, 0.4257



29.5238, 0.2322, 0.3420

Sweetspot

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



29.5251, 0.3038, 0.2522



77.7824, 0.3105, 0.3067



28.6387, 0.2623, 0.2614



16.3000, 0.3101, 0.3030



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.5251, 0.3038, 0.2522



46.7812, 0.3012, 0.2354



30.3392, 0.3328, 0.2746



9.5918, 0.3105, 0.3062



6.8091, 0.2686, 0.1253



0.2927, 0.2818, 0.1326

Inverse Universe

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



29.3427, 0.3651, 0.3125



46.4863, 0.3811, 0.3089



43.4520, 0.2973, 0.3906



9.5685, 0.3256, 0.3242



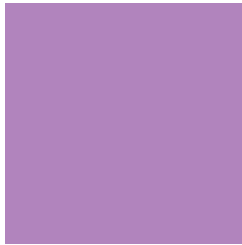
7.3913, 0.6018, 0.3089



0.2993, 0.5349, 0.2720

Previews

White Background



This preview shows how the Yxy color 29.5238, 0.3038, 0.2522 looks on a white background.

Color Contrast Check

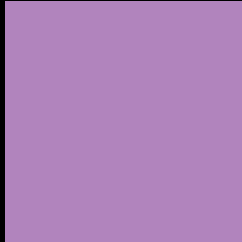
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5238, 0.3038, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

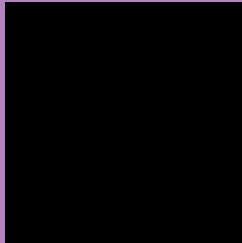
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5238, 0.3038, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 29.5238, 0.3038, 0.2522.



This preview shows how white text looks on a background with the Yxy color 29.5238, 0.3038, 0.2522.

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

29.5238, 0.3038, 0.2522

Protanopia

29.6678, 0.2562, 0.2512

Deuteranopia

29.6356, 0.2743, 0.2681



Tritanopia

29.6161, 0.3363, 0.3144

Trichromacy



Original Color

29.5238, 0.3038, 0.2522

Protanomaly

29.3794, 0.2721, 0.2516

Deuteranomaly

29.3126, 0.2841, 0.2613

Tritanomaly

29.4559, 0.3242, 0.2905

Monochromacy



Original Color

29.5238, 0.3038, 0.2522

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5445, 0.3100, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5238, 0.3038, 0.2522 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(177, 132, 189)` looks like.

```
.text, #text, p{  
    color:rgb(177, 132, 189)  
}
```

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(177, 132, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 132, 189) }
```

Border

The CSS property to change the border of an element to Yxy 29.5238, 0.3038, 0.2522 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(177, 132, 189) }
```

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

```
.border{ border-color:rgb(177, 132, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 132, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 132, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 132, 189);  
box-shadow:4px 4px 4px 4px rgb(177, 132,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5238, 0.3038, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 132, 189) }
```

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

```
.background{ background-color: rgb(177,  
132, 189) }
```

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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