

Converting Colors

$Y_{xy}(26.0267, 0.3417, 0.2535)$

Have a look what the booklet for
Yxy(26.0267, 0.3417, 0.2535)
contains.

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Color

Yxy(25.9570, 0.3409, 0.2529)

Conversions

Conversions Part 1

Format	Color
Hex	C071AB
RGB	192, 113, 171
RGB Percent	75%, 44%, 67%
CMY	0.2471, 0.5568, 0.3294
CMYK	0.00, 0.41, 0.11, 0.25
HSL	316°, 39%, 60%
HSV	316°, 41%, 75%
XYZ	34.9891, 25.9570, 41.6913
YIQ	143.2330, 28.4660, 34.7860

Conversions

Conversions Part 2

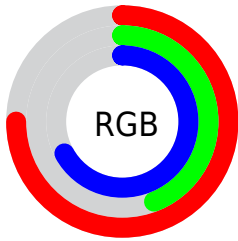
Format	Color
RYB	192, 113, 171
Decimal	12612011
CIELab	58.00, 39.40, -17.65
CIELCh	58, 43.169, 335.866
Yxy	25.9570, 0.3409, 0.2529
Android (android.graphics.Color)	4290802091 (0xFFC071AB)
YUV	143.2330, 13.6891, 42.7687
Hunter-Lab	50.9480, 33.4278, -12.8540

Details

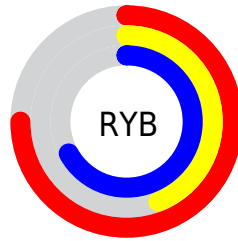
The Yxy color **25.9570, 0.3409, 0.2529** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.9224, 0.2933, 0.4202**, and the grayscale version is **27.5031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0874, 0.3364, 0.2674**, and **10.0955, 0.3489, 0.2292** is the 20% darker color. If you saturate the color by 10%, you get **21.9265, 0.3502, 0.2356**, and if you desaturate by 10%, it is **30.9034, 0.3325, 0.2714**.

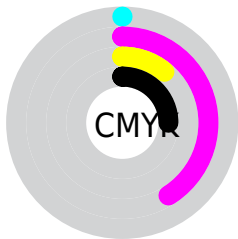
Distribution



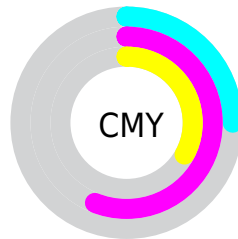
- Red (75%)
- Green (44%)
- Blue (67%)



- Red (75%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (11%)
- Black (25%)




- Cyan (25%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9570, 0.3409, 0.2529 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 25.9570, 0.3409, 0.2529 by changing the saturation by 10% instead.


 25.9570, 0.3409,
0.2529


 25.9570, 0.3409,
0.2529


282.5709, 0.3266,
0.2920


 16.7915, 0.3445,
0.2428

 53.2056, 0.3357,
0.2674


 10.0859, 0.3491,
0.2298


 72.0574, 0.3337,
0.2727

 5.4560, 0.3552,
0.2121


 94.9068, 0.3321,
0.2772

 2.5172, 0.3636,
0.1873

 122.1381, 0.3307,
0.2811

 0.8852, 0.3755,
0.1501

154.1358, 0.3295,
0.2844

 0.0000, 0.4306,
0.0000

191.2843, 0.3284,

 0.0000, 0.0000,

0.2873

0.0000

233.9678, 0.3275,
0.2898

■ 25.9570, 0.3409,
0.2529

■ 25.9570, 0.3409,
0.2529

■ 21.9265, 0.3502,
0.2356

■ 30.9034, 0.3325,
0.2714

■ 18.7507, 0.3604,
0.2206

■ 36.8149, 0.3251,
0.2903

■ 16.3664, 0.3711,
0.2088


■ 43.7411, 0.3187,
0.3090

■ 14.7001, 0.3820,
0.2011

■ 51.7276, 0.3133,
0.3270


■ 13.6647, 0.3928,
0.1982

■ 60.8168, 0.3086,
0.3441

 13.1254, 0.4022,
0.1989

 71.0491, 0.3047,
0.3600

 82.4627, 0.3015,
0.3747

 87.4672, 0.2987,
0.3767

 87.7284, 0.2959,
0.3709

Harmonies

Analogous

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



25.9570, 0.2687, 0.2248



25.9570, 0.3409, 0.2529



25.9570, 0.4122, 0.2969

Triad

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



25.9570, 0.3409, 0.2529



25.9570, 0.4089, 0.4485



25.9570, 0.1893, 0.2822

Complementary

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



25.9570, 0.3409, 0.2529



42.9224, 0.2933, 0.4202

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.



25.9570, 0.2183, 0.3544



25.9570, 0.3409, 0.2529



25.9570, 0.3437, 0.4634

Square

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



25.9570, 0.3409, 0.2529



25.9570, 0.4511, 0.4038



25.9570, 0.2739, 0.4280



25.9570, 0.1889, 0.2357

Rectangle

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



25.9570, 0.3409, 0.2529



25.9570, 0.4449, 0.3316



25.9570, 0.2739, 0.4280



25.9570, 0.1957, 0.3040

Sweetspot

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



25.9582, 0.3409, 0.2529



77.8524, 0.3194, 0.3071



20.5864, 0.2553, 0.2097



16.3305, 0.3202, 0.3046



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.9582, 0.3409, 0.2529



40.6290, 0.3489, 0.2378



24.7049, 0.3897, 0.3022



10.2003, 0.3177, 0.3122



8.8478, 0.4009, 0.1982



0.3932, 0.3793, 0.1863

Inverse Universe

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



25.9582, 0.3409, 0.2529



40.6290, 0.3489, 0.2378



44.1888, 0.2688, 0.3585



10.2003, 0.3177, 0.3122



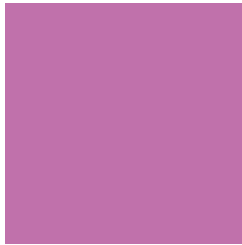
8.8478, 0.4009, 0.1982



0.3932, 0.3793, 0.1863

Previews

White Background



This preview shows how the Yxy color 25.9570, 0.3409, 0.2529 looks on a white background.

Color Contrast Check

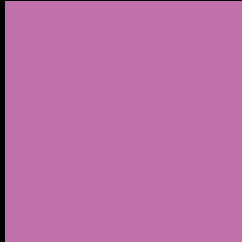
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9570, 0.3409, 0.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

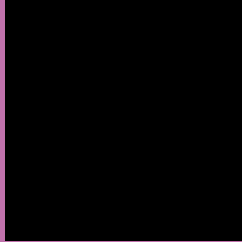
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9570, 0.3409, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 25.9570, 0.3409, 0.2529.



This preview shows how white text looks on a background with the Yxy color 25.9570, 0.3409, 0.2529.

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

25.9570, 0.3409, 0.2529

Protanopia

26.2111, 0.2552, 0.2503

Deuteranopia

26.2568, 0.2868, 0.2817



Tritanopia

25.8512, 0.3840, 0.3165

Trichromacy



Original Color

25.9570, 0.3409, 0.2529

Protanomaly

25.4675, 0.2818, 0.2501

Deuteranomaly

25.6364, 0.3056, 0.2693

Tritanomaly

25.8200, 0.3683, 0.2919

Monochromacy



Original Color

25.9570, 0.3409, 0.2529

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.3795, 0.3232, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9570, 0.3409, 0.2529 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(192, 113, 171)` looks like.

```
.text, #text, p{  
    color:rgb(192, 113, 171)  
}
```

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(192, 113, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 113, 171) }
```

Border

The CSS property to change the border of an element to Yxy 25.9570, 0.3409, 0.2529 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(192, 113, 171) }
```

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

```
.border{ border-color:rgb(192, 113, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 113, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 113, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 113, 171);  
box-shadow:4px 4px 4px 4px rgb(192, 113,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9570, 0.3409, 0.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 113, 171) }
```

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

```
.background{ background-color: rgb(192,  
113, 171) }
```

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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