

Converting Colors

$Y_{xy}(28.6735, 0.3089, 0.2455)$

Have a look what the booklet for
Yxy(28.6735, 0.3089, 0.2455)
contains.

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Color

Yxy(28.5409, 0.3092, 0.2455)

Conversions

Conversions Part 1

Format	Color
Hex	B67EBD
RGB	182, 126, 189
RGB Percent	71%, 49%, 74%
CMY	0.2861, 0.5060, 0.2587
CMYK	0.04, 0.33, 0.00, 0.26
HSL	293°, 32%, 62%
HSV	293°, 33%, 74%
XYZ	35.9464, 28.5409, 51.7689
YIQ	149.9260, 13.1530, 31.4650

Conversions

Conversions Part 2

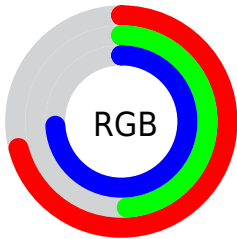
Format	Color
R _Y B	182, 126, 189
Decimal	11959997
CIE Lab	60.37, 32.38, -24.42
CIE LCh	60, 40.559, 322.982
Yxy	28.5409, 0.3092, 0.2455
Android (android.graphics.Color)	4290150077 (0xFFB67EBD)
YUV	149.9260, 19.2635, 28.1289
Hunter-Lab	53.4237, 26.6133, -20.0569

Details

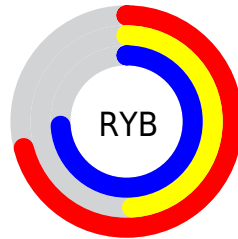
The Yxy color **28.5409, 0.3092, 0.2455** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.8923, 0.3136, 0.4252**, and the grayscale version is **30.3801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1835, 0.3111, 0.2609**, and **11.5073, 0.3069, 0.2227** is the 20% darker color. If you saturate the color by 10%, you get **23.9043, 0.3075, 0.2210**, and if you desaturate by 10%, it is **34.0970, 0.3106, 0.2709**.

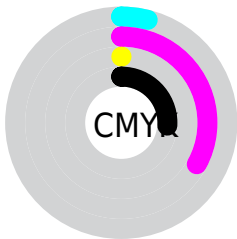
Distribution



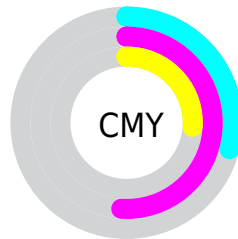
- Red (71%)
- Green (49%)
- Blue (74%)



- Red (71%)
- Yellow (49%)
- Blue (74%)



- Cyan (4%)
- Magenta (33%)
- Yellow (0%)
- Black (26%)





- Cyan (29%)
- Magenta (51%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.5409, 0.3092, 0.2455 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 28.5409, 0.3092, 0.2455 by changing the saturation by 10% instead.


 28.5409, 0.3092,
0.2455


 28.5409, 0.3092,
0.2455


295.0426, 0.3121,
0.2877


 18.7338, 0.3080,
0.2349


 57.3469, 0.3106,
0.2609

 11.4781, 0.3063,
0.2214


 77.1145, 0.3110,
0.2666

 6.3894, 0.3035,
0.2035


 100.9711, 0.3113,
0.2715

 3.0833, 0.2987,
0.1789

129.3011, 0.3116,
0.2757

 1.1754, 0.2893,
0.1435

162.4889, 0.3118,
0.2793

 0.0414, 0.2904,
0.0145

200.9188, 0.3119,

 0.0000, 0.0000,

0.2824

0.0000

244.9752, 0.3120,
0.2852

■ 28.5409, 0.3092,
0.2455

■ 28.5409, 0.3092,
0.2455

■ 23.9043, 0.3075,
0.2210

■ 34.0970, 0.3106,
0.2709

■ 20.1319, 0.3054,
0.1982

■ 40.6165, 0.3117,
0.2963

■ 17.1682, 0.3031,
0.1783


■ 48.1447, 0.3125,
0.3210


■ 14.9497, 0.3005,
0.1620


■ 56.7233, 0.3131,
0.3445

■ 13.4034, 0.2978,
0.1500

■ 66.3914, 0.3134,
0.3665

 12.4415, 0.2950,
0.1423

 77.1861, 0.3136,
0.3869

 12.0109, 0.2931,
0.1388

 87.0229, 0.3139,
0.4023

 87.3066, 0.3152,
0.4021

 87.5943, 0.3165,
0.4018

Harmonies

Analogous

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



28.5409, 0.2489, 0.2274



28.5409, 0.3092, 0.2455



28.5409, 0.3774, 0.2809

Triad

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



28.5409, 0.3092, 0.2455



28.5409, 0.4215, 0.4240



28.5409, 0.2074, 0.3132

Complementary

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



28.5409, 0.3092, 0.2455



42.8923, 0.3136, 0.4252

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.



28.5409, 0.2459, 0.3827



28.5409, 0.3092, 0.2455



28.5409, 0.3692, 0.4504

Square

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



28.5409, 0.3092, 0.2455



28.5409, 0.4454, 0.3781



28.5409, 0.3049, 0.4376



28.5409, 0.1954, 0.2591

Rectangle

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



28.5409, 0.3092, 0.2455



28.5409, 0.4156, 0.3112



28.5409, 0.3049, 0.4376



28.5409, 0.2174, 0.3357

Sweetspot

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



28.5421, 0.3092, 0.2455



76.8282, 0.3120, 0.3043



24.9762, 0.2551, 0.2430



16.1282, 0.3119, 0.3008



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.



28.5421, 0.3092, 0.2455



44.8967, 0.3080, 0.2275



28.4495, 0.3425, 0.2766



9.6412, 0.3120, 0.3063



8.1001, 0.2935, 0.1391



0.3328, 0.3005, 0.1429

Inverse Universe

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



27.4304, 0.3806, 0.3195



42.6655, 0.4028, 0.3174



43.0443, 0.2915, 0.3882



9.5531, 0.3271, 0.3265



7.3213, 0.6250, 0.3217



0.2926, 0.5787, 0.2962

Previews

White Background



This preview shows how the Yxy color 28.5409, 0.3092, 0.2455 looks on a white background.

Color Contrast Check

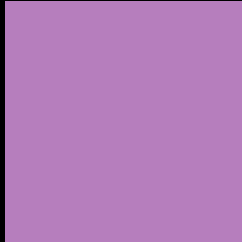
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5409, 0.3092, 0.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

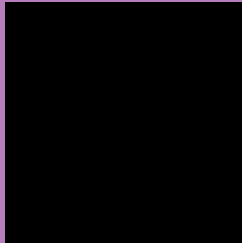
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5409, 0.3092, 0.2455

Background



This preview shows how black text looks on a background with the Yxy color 28.5409, 0.3092, 0.2455.



This preview shows how white text looks on a background with the Yxy color 28.5409, 0.3092, 0.2455.

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

28.5409, 0.3092, 0.2455

Protanopia

28.8000, 0.2498, 0.2436

Deuteranopia

28.6791, 0.2705, 0.2644



Tritanopia

28.6024, 0.3484, 0.3146

Trichromacy



Original Color

28.5409, 0.3092, 0.2455

Protanomaly

28.2184, 0.2691, 0.2431

Deuteranomaly

28.4477, 0.2839, 0.2569

Tritanomaly

28.5407, 0.3335, 0.2881

Monochromacy



Original Color

28.5409, 0.3092, 0.2455

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4115, 0.3122, 0.2950

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5409, 0.3092, 0.2455 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(182, 126, 189)` looks like.

```
.text, #text, p{  
    color:rgb(182, 126, 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(182, 126, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 126, 189) }
```

Border

The CSS property to change the border of an element to Yxy 28.5409, 0.3092, 0.2455 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(182, 126, 189) }
```

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

```
.border{ border-color:rgb(182, 126, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 126, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 126, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 126, 189);  
box-shadow:4px 4px 4px 4px rgb(182, 126,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5409, 0.3092, 0.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 126, 189) }
```

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

```
.background{ background-color: rgb(182,  
126, 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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