

Converting Colors

$Y_{xy}(29.0556, 0.3707, 0.2890)$

Have a look what the booklet for
Yxy(29.0556, 0.3707, 0.2890)
contains.

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Color

Yxy(29.0556, 0.3707, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	CA7B9A
RGB	202, 123, 154
RGB Percent	79%, 48%, 60%
CMY	0.2079, 0.5176, 0.3961
CMYK	0.00, 0.39, 0.24, 0.21
HSL	336°, 43%, 64%
HSV	336°, 39%, 79%
XYZ	37.2696, 29.0556, 34.2132
YIQ	150.1550, 37.1330, 26.3890

Conversions

Conversions Part 2

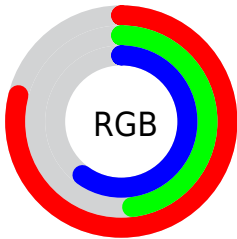
Format	Color
R_{YB}	202, 123, 154
Decimal	13269914
CIE _{Lab}	60.83, 34.80, -3.50
CIE _{LCh}	61, 34.976, 354.252
Yxy	29.0556, 0.3707, 0.2890
Android (android.graphics.Color)	4291459994 (0xFFCA7B9A)
YUV	150.1550, 1.8956, 45.4681
Hunter-Lab	53.9032, 29.0871, 0.1000

Details

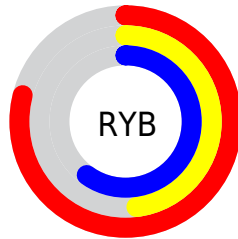
The Yxy color **29.0556, 0.3707, 0.2890** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.3871, 0.2772, 0.3737**, and the grayscale version is **30.5495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2583, 0.3546, 0.2971**, and **11.7250, 0.3905, 0.2755** is the 20% darker color. If you saturate the color by 10%, you get **24.1631, 0.3933, 0.2791**, and if you desaturate by 10%, it is **35.0266, 0.3516, 0.2995**.

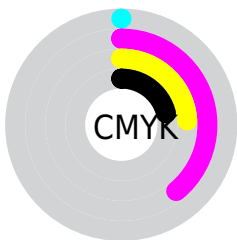
Distribution



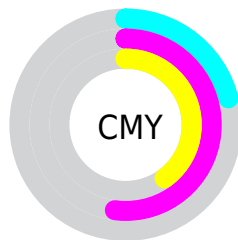
- Red (79%)
- Green (48%)
- Blue (60%)



- Red (79%)
- Yellow (48%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (21%)





- Cyan (21%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0556, 0.3707, 0.2890 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 29.0556, 0.3707, 0.2890 by changing the saturation by 10% instead.


 29.0556, 0.3707,
0.2890


 29.0556, 0.3707,
0.2890


297.4772, 0.3397,
0.3101

 19.1229, 0.3792,
0.2833


 58.1654, 0.3589,
0.2970

 11.7591, 0.3905,
0.2758


 78.1113, 0.3546,
0.2999

 6.5799, 0.4064,
0.2654


 102.1637, 0.3511,
0.3023

 3.2008, 0.4305,
0.2499

130.7070, 0.3481,
0.3043

 1.2374, 0.4705,
0.2248

164.1256, 0.3455,
0.3061

 0.0920, 0.6828,
0.0668

202.8039, 0.3433,

 0.0000, 0.0000,

0.3076

0.0000

247.1263, 0.3414,
0.3090

■ 29.0556, 0.3707,
0.2890

■ 29.0556, 0.3707,
0.2890

■ 24.1631, 0.3933,
0.2791

■ 35.0266, 0.3516,
0.2995

■ 20.2795, 0.4195,
0.2709

■ 42.1316, 0.3357,
0.3101

■ 17.3339, 0.4488,
0.2653


■ 50.4274, 0.3226,
0.3202


■ 15.2440, 0.4799,
0.2638

■ 59.9657, 0.3118,
0.3298


■ 13.9129, 0.5109,
0.2672


■ 70.7951, 0.3030,
0.3388


 13.1785, 0.5399,
0.2754

 82.9616, 0.2958,
0.3470

 13.1226, 0.5424,
0.2762

 90.3610, 0.2894,
0.3449

 91.1151, 0.2830,
0.3318

 91.2946, 0.2816,
0.3289

Harmonies

Analogous

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



29.0556, 0.3126, 0.2570



29.0556, 0.3707, 0.2890



29.0556, 0.4141, 0.3307

Triad

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



29.0556, 0.3707, 0.2890



29.0556, 0.3604, 0.4332



29.0556, 0.2102, 0.2678

Complementary

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



29.0556, 0.3707, 0.2890



49.3871, 0.2772, 0.3737

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.



29.0556, 0.2203, 0.3140



29.0556, 0.3707, 0.2890



29.0556, 0.3046, 0.4193

Square

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



29.0556, 0.3707, 0.2890



29.0556, 0.4058, 0.4137



29.0556, 0.2536, 0.3723



29.0556, 0.2238, 0.2431

Rectangle

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



29.0556, 0.3707, 0.2890



29.0556, 0.4264, 0.3605



29.0556, 0.2536, 0.3723



29.0556, 0.2109, 0.2810

Sweetspot

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



29.0570, 0.3707, 0.2890



80.8662, 0.3263, 0.3172



27.0234, 0.2851, 0.2239



16.9032, 0.3280, 0.3158



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.



29.0570, 0.3707, 0.2890



42.0141, 0.3898, 0.2805



30.1938, 0.4053, 0.3396



11.2853, 0.3230, 0.3199



8.4619, 0.5390, 0.2743



0.4513, 0.4868, 0.2455

Inverse Universe

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



29.0570, 0.3707, 0.2890



42.0141, 0.3898, 0.2805



47.0988, 0.2574, 0.3178



11.2853, 0.3230, 0.3199



8.4619, 0.5390, 0.2743



0.4513, 0.4868, 0.2455

Previews

White Background



This preview shows how the Yxy color 29.0556, 0.3707, 0.2890 looks on a white background.

Color Contrast Check

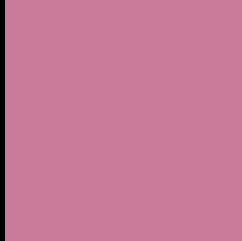
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0556, 0.3707, 0.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

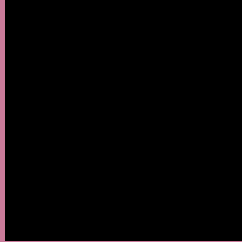
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0556, 0.3707, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 29.0556, 0.3707, 0.2890.



This preview shows how white text looks on a background with the Yxy color 29.0556, 0.3707, 0.2890.

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

29.0556, 0.3707, 0.2890

Protanopia

29.2246, 0.2894, 0.2950

Deuteranopia

29.3529, 0.3229, 0.3169



Tritanopia

28.9786, 0.3896, 0.3160

Trichromacy



Original Color

29.0556, 0.3707, 0.2890

Protanomaly

28.7138, 0.3155, 0.2922

Deuteranomaly

28.9893, 0.3393, 0.3060

Tritanomaly

29.0679, 0.3824, 0.3056

Monochromacy



Original Color

29.0556, 0.3707, 0.2890

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4255, 0.3330, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0556, 0.3707, 0.2890 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(202, 123, 154)` looks like.

```
.text, #text, p{  
    color:rgb(202, 123, 154)  
}
```

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(202, 123, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 123, 154) }
```

Border

The CSS property to change the border of an element to Yxy 29.0556, 0.3707, 0.2890 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(202, 123, 154) }
```

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

```
.border{ border-color:rgb(202, 123, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 123, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 123, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 123, 154);  
box-shadow:4px 4px 4px 4px rgb(202, 123,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0556, 0.3707, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 123, 154) }
```

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

```
.background{ background-color: rgb(202,  
123, 154) }
```

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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