

Converting Colors

Yxy(29.2236, 0.3192, 0.2860)

Have a look what the booklet for
Yxy(29.2236, 0.3192, 0.2860)
contains.

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Color

Yxy(29.3393, 0.3190, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	AB89A7
RGB	171, 137, 167
RGB Percent	67%, 54%, 65%
CMY	0.3295, 0.4627, 0.3451
CMYK	0.00, 0.20, 0.02, 0.33
HSL	307°, 17%, 60%
HSV	307°, 20%, 67%
XYZ	32.7132, 29.3393, 40.4966
YIQ	150.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

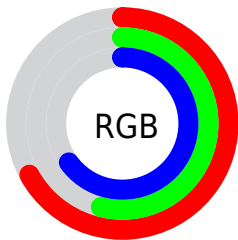
Format	Color
RYB	171, 137, 167
Decimal	11241895
CIELab	61.08, 18.16, -10.93
CIELCh	61, 21.197, 328.948
Yxy	29.3393, 0.3190, 0.2861
Android (android.graphics.Color)	4289431975 (0xFFAB89A7)
YUV	150.5860, 8.0921, 17.9031
Hunter-Lab	54.1658, 13.0142, -6.4117

Details

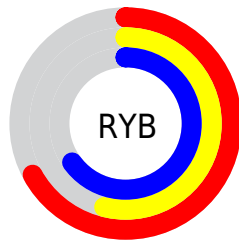
The Yxy color **29.3393, 0.3190, 0.2861** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.3640, 0.3070, 0.3760**, and the grayscale version is **30.7232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8664, 0.3183, 0.2951**, and **11.9057, 0.3201, 0.2727** is the 20% darker color. If you saturate the color by 10%, you get **24.7843, 0.3227, 0.2641**, and if you desaturate by 10%, it is **34.6684, 0.3156, 0.3080**.

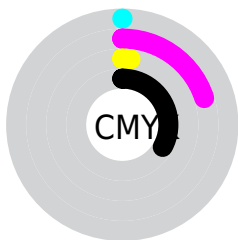
Distribution



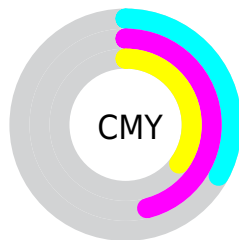
- Red (67%)
- Green (54%)
- Blue (65%)



- Red (67%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (33%)





- Cyan (33%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3393, 0.3190, 0.2861 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 29.3393, 0.3190, 0.2861 by changing the saturation by 10% instead.


 29.3393, 0.3190,
0.2861


 29.3393, 0.3190,
0.2861


298.8125, 0.3159,
0.3085


 19.3376, 0.3197,
0.2802


 58.6157, 0.3179,
0.2945

 11.9145, 0.3206,
0.2725


 78.6593, 0.3175,
0.2975

 6.6855, 0.3218,
0.2618


 102.8190, 0.3171,
0.3001

 3.2662, 0.3232,
0.2462

131.4791, 0.3168,
0.3023

 1.2722, 0.3249,
0.2216

165.0242, 0.3166,
0.3041

 0.1196, 0.3545,
0.0761

203.8385, 0.3163,

 0.0000, 0.0000,

0.3058

0.0000

248.3065, 0.3161,
0.3072

■ 29.3393, 0.3190,
0.2861

■ 29.3393, 0.3190,
0.2861

■ 24.7843, 0.3227,
0.2641

■ 34.6684, 0.3156,
0.3080

■ 20.9634, 0.3268,
0.2426

■ 40.8016, 0.3127,
0.3293

■ 17.8387, 0.3311,
0.2227

■ 47.7720, 0.3101,
0.3495

■ 15.3675, 0.3356,
0.2051

■ 55.6097, 0.3078,
0.3684

■ 13.5024, 0.3401,
0.1907

■ 64.3432, 0.3059,
0.3860

■ 12.1895, 0.3445,
0.1803

■ 73.9998, 0.3043,
0.4022

■ 11.3654, 0.3487,
0.1743

■ 83.5152, 0.3029,
0.4154

■ 10.8935, 0.3527,
0.1717

■ 83.5983, 0.3018,
0.4129

■ 10.8880, 0.3527,
0.1717

■ 83.6826, 0.3008,
0.4105

Harmonies

Analogous

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



29.3393, 0.2851, 0.2738



29.3393, 0.3190, 0.2861



29.3393, 0.3529, 0.3084

Triad

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



29.3393, 0.3190, 0.2861



29.3393, 0.3668, 0.3846



29.3393, 0.2531, 0.3164

Complementary

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



29.3393, 0.3190, 0.2861



36.3640, 0.3070, 0.3760

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.



29.3393, 0.2728, 0.3497



29.3393, 0.3190, 0.2861



29.3393, 0.3381, 0.3908

Square

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



29.3393, 0.3190, 0.2861



29.3393, 0.3811, 0.3639



29.3393, 0.3036, 0.3781



29.3393, 0.2486, 0.2891

Rectangle

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



29.3393, 0.3190, 0.2861



29.3393, 0.3701, 0.3266



29.3393, 0.3036, 0.3781



29.3393, 0.2581, 0.3273

Sweetspot

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



29.3406, 0.3190, 0.2861



66.0635, 0.3145, 0.3161



26.4942, 0.2842, 0.2761



14.5821, 0.3147, 0.3148



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.3406, 0.3190, 0.2861



48.6725, 0.3207, 0.2761



28.7538, 0.3368, 0.3099



8.1316, 0.3155, 0.3092



8.2141, 0.3524, 0.1715



0.2330, 0.3417, 0.1656

Inverse Universe

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



29.3406, 0.3190, 0.2861



48.6725, 0.3207, 0.2761



36.9082, 0.2935, 0.3489



8.1316, 0.3155, 0.3092



8.2141, 0.3524, 0.1715



0.2330, 0.3417, 0.1656

Previews

White Background



This preview shows how the Yxy color 29.3393, 0.3190, 0.2861 looks on a white background.

Color Contrast Check

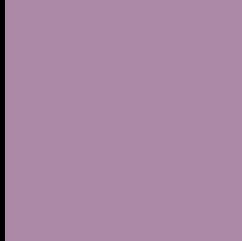
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3393, 0.3190, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

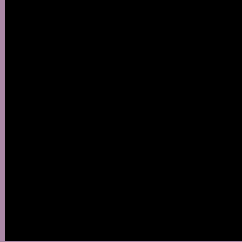
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3393, 0.3190, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 29.3393, 0.3190, 0.2861.



This preview shows how white text looks on a background with the Yxy color 29.3393, 0.3190, 0.2861.

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

29.3393, 0.3190, 0.2861

Protanopia

29.3257, 0.2842, 0.2876

Deuteranopia

29.4720, 0.3010, 0.2958



Tritanopia

29.4255, 0.3330, 0.3128

Trichromacy



Original Color

29.3393, 0.3190, 0.2861

Protanomaly

29.3575, 0.2964, 0.2871

Deuteranomaly

29.2765, 0.3082, 0.2919

Tritanomaly

29.4456, 0.3280, 0.3028

Monochromacy



Original Color

29.3393, 0.3190, 0.2861

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2612, 0.3145, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3393, 0.3190, 0.2861 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(171, 137, 167)` looks like.

```
.text, #text, p{  
    color:rgb(171, 137, 167)  
}
```

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(171, 137, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 167) }
```

Border

The CSS property to change the border of an element to Yxy 29.3393, 0.3190, 0.2861 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(171, 137, 167) }
```

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

```
.border{ border-color:rgb(171, 137, 167) }
```

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

Here you see how a box with a 4 pixel rgb(171, 137, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 167);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3393, 0.3190, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 167) }
```

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

```
.background{ background-color: rgb(171,  
137, 167) }
```

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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