

Converting Colors

$Yxy(29.5136, 0.3471, 0.3092)$

Have a look what the booklet for
Yxy(29.5136, 0.3471, 0.3092)
contains.

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Color

Yxy(29.5136, 0.3471, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	B48896
RGB	180, 136, 150
RGB Percent	71%, 53%, 59%
CMY	0.2941, 0.4666, 0.4117
CMYK	0.00, 0.24, 0.17, 0.29
HSL	341°, 23%, 62%
HSV	341°, 24%, 71%
XYZ	33.1312, 29.5136, 32.8067
YIQ	150.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

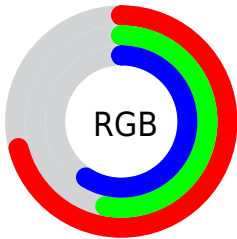
Format	Color
RYB	180, 136, 150
Decimal	11831446
CIELab	61.23, 18.99, -0.92
CIELCh	61, 19.011, 357.223
Yxy	29.5136, 0.3471, 0.3092
Android (android.graphics.Color)	4290021526 (0xFFB48896)
YUV	150.7520, -0.3707, 25.6505
Hunter-Lab	54.3264, 13.7878, 2.2244

Details

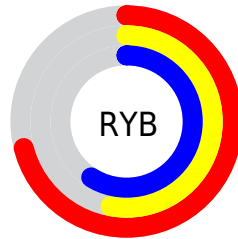
The Yxy color **29.5136, 0.3471, 0.3092** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6290, 0.2872, 0.3498**, and the grayscale version is **30.8313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0194, 0.3398, 0.3138**, and **12.0685, 0.3603, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **24.4884, 0.3667, 0.3006**, and if you desaturate by 10%, it is **35.4343, 0.3310, 0.3176**.

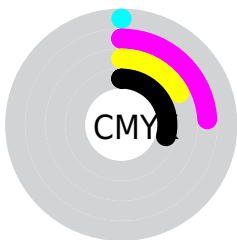
Distribution



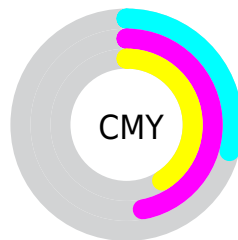
- Red (71%)
- Green (53%)
- Blue (59%)



- Red (71%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (29%)





- Cyan (29%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5136, 0.3471, 0.3092 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 29.5136, 0.3471, 0.3092 by changing the saturation by 10% instead.


 29.5136, 0.3471,
0.3092


 29.5136, 0.3471,
0.3092


299.6306, 0.3286,
0.3198

 19.4697, 0.3522,
0.3063


 58.8921, 0.3401,
0.3132

 12.0102, 0.3590,
0.3024


 78.9955, 0.3375,
0.3147

 6.7506, 0.3687,
0.2969


 103.2208, 0.3354,
0.3159

 3.3066, 0.3836,
0.2885

131.9525, 0.3336,
0.3169

 1.2938, 0.4089,
0.2744

165.5750, 0.3321,
0.3178

 0.1364, 0.6294,
0.1447

204.4725, 0.3308,

 0.0000, 0.0000,

0.3186

0.0000

249.0296, 0.3296,
0.3192

■ 29.5136, 0.3471,
0.3092

■ 29.5136, 0.3471,
0.3092

■ 24.4884, 0.3667,
0.3006

■ 35.4343, 0.3310,
0.3176

■ 20.3110, 0.3902,
0.2924

■ 42.2872, 0.3178,
0.3256

■ 16.9350, 0.4180,
0.2851

■ 50.1119, 0.3070,
0.3331

■ 14.3085, 0.4497,
0.2797

■ 58.9444, 0.2982,
0.3400

■ 12.3728, 0.4842,
0.2775

■ 68.8190, 0.2909,
0.3463

■ 11.0608, 0.5194,
0.2795

■ 79.7683, 0.2850,
0.3520

■ 10.2915, 0.5523,
0.2862

■ 87.2735, 0.2795,
0.3499

■ 10.0012, 0.5692,
0.2909

■ 88.0111, 0.2734,
0.3363

■ 88.4429, 0.2701,
0.3289

Harmonies

Analogous

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



29.5136, 0.3166, 0.2894



29.5136, 0.3471, 0.3092



29.5136, 0.3686, 0.3342

Triad

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



29.5136, 0.3471, 0.3092



29.5136, 0.3373, 0.3843



29.5136, 0.2548, 0.2946

Complementary

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



29.5136, 0.3471, 0.3092



40.6290, 0.2872, 0.3498

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.



29.5136, 0.2598, 0.3196



29.5136, 0.3471, 0.3092



29.5136, 0.3065, 0.3738

Square

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



29.5136, 0.3471, 0.3092



29.5136, 0.3624, 0.3781



29.5136, 0.2783, 0.3492



29.5136, 0.2643, 0.2804

Rectangle

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



29.5136, 0.3471, 0.3092



29.5136, 0.3743, 0.3513



29.5136, 0.2783, 0.3492



29.5136, 0.2548, 0.3019

Sweetspot

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



29.5149, 0.3471, 0.3092



73.1789, 0.3211, 0.3235



28.9401, 0.3004, 0.2664



15.6557, 0.3218, 0.3231



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.5149, 0.3471, 0.3092



48.7131, 0.3565, 0.3049



31.2270, 0.3604, 0.3396



8.5484, 0.3239, 0.3218



6.9915, 0.5660, 0.2892



0.2309, 0.4859, 0.2450

Inverse Universe

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



29.5149, 0.3471, 0.3092



48.7131, 0.3565, 0.3049



38.2886, 0.2764, 0.3181



8.5484, 0.3239, 0.3218



6.9915, 0.5660, 0.2892



0.2309, 0.4859, 0.2450

Previews

White Background



This preview shows how the Yxy color 29.5136, 0.3471, 0.3092 looks on a white background.

Color Contrast Check

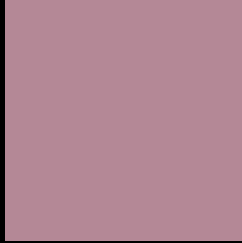
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5136, 0.3471, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

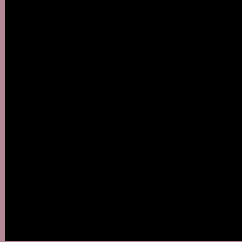
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5136, 0.3471, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 29.5136, 0.3471, 0.3092.



This preview shows how white text looks on a background with the Yxy color 29.5136, 0.3471, 0.3092.

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

29.5136, 0.3471, 0.3092

Protanopia

29.5977, 0.3043, 0.3134

Deuteranopia

29.4962, 0.3270, 0.3200



Tritanopia

29.4182, 0.3504, 0.3134

Trichromacy



Original Color

29.5136, 0.3471, 0.3092

Protanomaly

29.4516, 0.3198, 0.3124

Deuteranomaly

29.3611, 0.3352, 0.3158

Tritanomaly

29.4497, 0.3493, 0.3120

Monochromacy



Original Color

29.5136, 0.3471, 0.3092

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4735, 0.3246, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5136, 0.3471, 0.3092 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(180, 136, 150)` looks like.

```
.text, #text, p{  
    color:rgb(180, 136, 150)  
}
```

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(180, 136, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 136, 150) }
```

Border

The CSS property to change the border of an element to Yxy 29.5136, 0.3471, 0.3092 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(180, 136, 150) }
```

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

```
.border{ border-color:rgb(180, 136, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 136, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(180, 136,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5136, 0.3471, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 136, 150) }
```

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

```
.background{ background-color: rgb(180,  
136, 150) }
```

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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