

Converting Colors

$Yxy(39.0467, 0.3095, 0.2984)$

Have a look what the booklet for
Yxy(39.0467, 0.3095, 0.2984)
contains.

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Color

Yxy(39.0467, 0.3095, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	B4A2B9
RGB	180, 162, 185
RGB Percent	71%, 64%, 73%
CMY	0.2941, 0.3647, 0.2745
CMYK	0.03, 0.12, 0.00, 0.27
HSL	287°, 14%, 68%
HSV	287°, 12%, 73%
XYZ	40.4992, 39.0467, 51.3077
YIQ	170.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

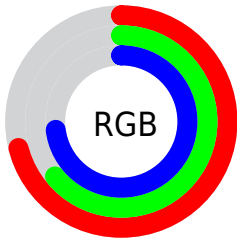
Format	Color
R_{YB}	180, 162, 185
Decimal	11838137
CIE Lab	68.79, 10.79, -9.45
CIE LCh	69, 14.348, 318.789
Yxy	39.0467, 0.3095, 0.2984
Android (android.graphics.Color)	4290028217 (0xFFB4A2B9)
YUV	170.0040, 7.3930, 8.7665
Hunter-Lab	62.4874, 6.3362, -4.9412

Details

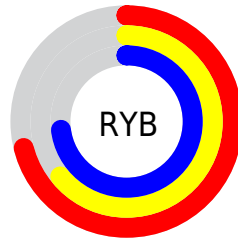
The Yxy color $39.0467, 0.3095, 0.2984$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.5304, 0.3154, 0.3607$, and the grayscale version is $40.1624, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.8094, 0.3103, 0.3043$, and $17.3298, 0.3081, 0.2887$ is the 20% darker color. If you saturate the color by 10%, you get $32.5250, 0.3063, 0.2726$, and if you desaturate by 10%, it is $46.5449, 0.3121, 0.3232$.

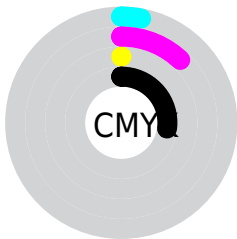
Distribution



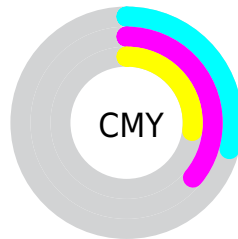
- Red (71%)
- Green (64%)
- Blue (73%)



- Red (71%)
- Yellow (64%)
- Blue (73%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0467, 0.3095, 0.2984 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 39.0467, 0.3095, 0.2984 by changing the saturation by 10% instead.

■ 39.0467, 0.3095,
0.2984

■ 39.0467, 0.3095,
0.2984

■ 342.0890, 0.3113,
0.3138

■ 26.7961, 0.3090,
0.2945

■ 73.7097, 0.3102,
0.3040

■ 17.4201, 0.3083,
0.2895

■ 96.8908, 0.3104,
0.3061

■ 10.5345, 0.3073,
0.2828

■ 124.4841, 0.3106,
0.3079

■ 5.7547, 0.3058,
0.2733

■ 156.8742, 0.3108,
0.3094

■ 2.6965, 0.3033,
0.2591

■ 194.4453, 0.3110,
0.3108

■ 0.9754, 0.2984,
0.2352

■ 237.5819, 0.3111,

■ 0.0000, 0.2087,

0.3119

0.0000

286.6683, 0.3112,
0.3129

■ 0.0000, 0.0000,
0.0000

■ 39.0467, 0.3095,
0.2984

■ 39.0467, 0.3095,
0.2984

■ 32.5250, 0.3063,
0.2726

■ 46.5449, 0.3121,
0.3232

■ 26.9328, 0.3025,
0.2462

■ 55.0537, 0.3143,
0.3465

■ 22.2270, 0.2981,
0.2202

■ 64.6120, 0.3160,
0.3681

■ 18.3589, 0.2932,
0.1955

■ 75.2550, 0.3173,
0.3879

■ 15.2751, 0.2878,
0.1732

■ 87.0161, 0.3183,
0.4060

■ 12.9159, 0.2821,
0.1544

■ 87.8909, 0.3208,
0.4058

■ 11.2131, 0.2763,
0.1396

■ 88.4696, 0.3234,
0.4052

■ 10.0850, 0.2705,
0.1295

■ 89.0632, 0.3260,
0.4046

■ 9.4908, 0.2662,
0.1240

■ 89.6717, 0.3286,
0.4040

Harmonies

Analogous

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



39.0467, 0.2896, 0.2934



39.0467, 0.3095, 0.2984



39.0467, 0.3309, 0.3109

Triad

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



39.0467, 0.3095, 0.2984



39.0467, 0.3503, 0.3602



39.0467, 0.2787, 0.3285

Complementary

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



39.0467, 0.3095, 0.2984



45.5304, 0.3154, 0.3607

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.



39.0467, 0.2941, 0.3481



39.0467, 0.3095, 0.2984



39.0467, 0.3354, 0.3666

Square

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



39.0467, 0.3095, 0.2984



39.0467, 0.3549, 0.3459



39.0467, 0.3148, 0.3624



39.0467, 0.2723, 0.3099

Rectangle

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



39.0467, 0.3095, 0.2984



39.0467, 0.3430, 0.3220



39.0467, 0.3148, 0.3624



39.0467, 0.2830, 0.3353

Sweetspot

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



39.0484, 0.3095, 0.2984



81.0388, 0.3118, 0.3192



38.9599, 0.2934, 0.3045



17.2446, 0.3116, 0.3174



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.0484, 0.3095, 0.2984



66.4696, 0.3087, 0.2912



39.4082, 0.3195, 0.3067



9.0612, 0.3104, 0.3062



6.4942, 0.2669, 0.1244



0.2539, 0.2816, 0.1325

Inverse Universe

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



38.9495, 0.3303, 0.3223



66.2702, 0.3349, 0.3207



45.2177, 0.3065, 0.3524



9.0434, 0.3254, 0.3240



7.1383, 0.5995, 0.3076



0.2610, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 39.0467, 0.3095, 0.2984 looks on a white background.

Color Contrast Check

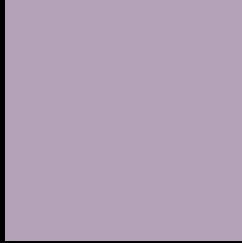
Large Text (above 18pt) WCAG AA × Fail

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 39.0467, 0.3095, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

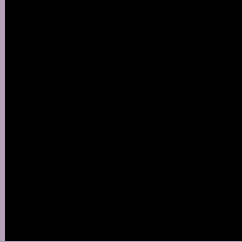
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0467, 0.3095, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 39.0467, 0.3095, 0.2984.



This preview shows how white text looks on a background with the Yxy color 39.0467, 0.3095, 0.2984.

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

39.0467, 0.3095, 0.2984

Protanopia

39.2676, 0.2936, 0.3002

Deuteranopia

38.9273, 0.3058, 0.2994



Tritanopia

38.9127, 0.3163, 0.3115

Trichromacy



Original Color

39.0467, 0.3095, 0.2984

Protanomaly

39.0442, 0.2988, 0.2991

Deuteranomaly

39.0443, 0.3067, 0.2995

Tritanomaly

39.0328, 0.3137, 0.3075

Monochromacy



Original Color

39.0467, 0.3095, 0.2984

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7312, 0.3123, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0467, 0.3095, 0.2984 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, 162, 185)` looks like.

```
.text, #text, p{  
    color:rgb(180, 162, 185)  
}
```

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, 162, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 162, 185) }
```

Border

The CSS property to change the border of an element to Yxy 39.0467, 0.3095, 0.2984 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, 162, 185) }
```

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

```
.border{ border-color:rgb(180, 162, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 162, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 162, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 162, 185);  
box-shadow:4px 4px 4px 4px rgb(180, 162,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0467, 0.3095, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 162, 185) }
```

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

```
.background{ background-color: rgb(180,  
162, 185) }
```

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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