

Converting Colors

$Yxy(48.3712, 0.3047, 0.2989)$

Have a look what the booklet for
Yxy(48.3712, 0.3047, 0.2989)
contains.

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Color

Yxy(48.3396, 0.3049, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	C1B4CC
RGB	193, 180, 204
RGB Percent	76%, 71%, 80%
CMY	0.2431, 0.2941, 0.2001
CMYK	0.05, 0.12, 0.00, 0.20
HSL	273°, 19%, 75%
HSV	273°, 12%, 80%
XYZ	49.2112, 48.3396, 63.8502
YIQ	186.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

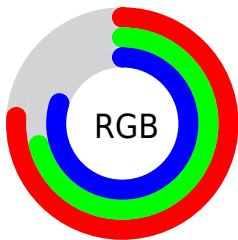
Format	Color
R _Y B	193, 180, 204
Decimal	12694732
CIE Lab	75.04, 9.09, -10.44
CIE LCh	75, 13.840, 311.031
Yxy	48.3396, 0.3049, 0.2995
Android (android.graphics.Color)	4290884812 (0xFFC1B4CC)
YUV	186.6230, 8.5669, 5.5926
Hunter-Lab	69.5267, 4.6711, -5.7806

Details

The Yxy color $48.3396, 0.3049, 0.2995$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.5458, 0.3198, 0.3587$, and the grayscale version is $49.4224, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.5349, 0.3103, 0.3105$, and $22.8697, 0.3019, 0.2909$ is the 20% darker color. If you saturate the color by 10%, you get $39.5137, 0.2970, 0.2724$, and if you desaturate by 10%, it is $58.4591, 0.3116, 0.3248$.

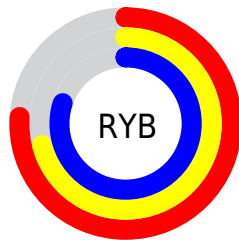
Distribution



Red (76%)

Green (71%)

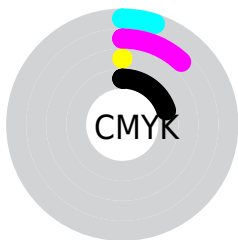
Blue (80%)



Red (76%)

Yellow (71%)

Blue (80%)

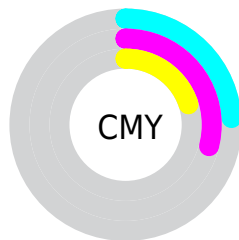


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (20%)



Cyan (24%)

Magenta (29%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3396, 0.3049, 0.2995 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 48.3396, 0.3049, 0.2995 by changing the saturation by 10% instead.


 48.3396, 0.3049,
0.2995

 48.3396, 0.3049,
0.2995


380.1366, 0.3089,
0.3139

 34.0959, 0.3039,
0.2960


 87.7098, 0.3064,
0.3046

 22.9673, 0.3026,
0.2916


113.6051, 0.3069,
0.3066

 14.5694, 0.3008,
0.2858


144.1531, 0.3074,
0.3083

 8.5177, 0.2983,
0.2780

179.7381, 0.3078,
0.3097

 4.4280, 0.2946,
0.2667

220.7446, 0.3081,
0.3110

 1.9157, 0.2882,
0.2490

267.5569, 0.3084,

 0.5578, 0.2788,

0.3120

0.2068

320.5595, 0.3087,
0.3130

0.0000, 0.0000,
0.0000

48.3396, 0.3049,
0.2995

48.3396, 0.3049,
0.2995

39.5137, 0.2970,
0.2724

58.4591, 0.3116,
0.3248

31.9211, 0.2879,
0.2439

69.9169, 0.3173,
0.3480

25.5058, 0.2777,
0.2147

82.7631, 0.3221,
0.3690

20.2048, 0.2664,
0.1860

92.7610, 0.3268,
0.3817

15.9493, 0.2545,
0.1590

94.3510, 0.3329,
0.3807

■ 12.6625, 0.2422,
0.1351

■ 96.0250, 0.3390,
0.3797

■ 10.2565, 0.2302,
0.1156

■ 97.1387, 0.3430,
0.3791

■ 8.6264, 0.2188,
0.1015

■ 7.7120, 0.2102,
0.0931

Harmonies

Analogous

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



48.3396, 0.2881, 0.2970



48.3396, 0.3049, 0.2995



48.3396, 0.3243, 0.3092

Triad

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



48.3396, 0.3049, 0.2995



48.3396, 0.3485, 0.3543



48.3396, 0.2850, 0.3333

Complementary

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



48.3396, 0.3049, 0.2995



57.5458, 0.3198, 0.3587

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.



48.3396, 0.3006, 0.3501



48.3396, 0.3049, 0.2995



48.3396, 0.3373, 0.3622

Square

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



48.3396, 0.3049, 0.2995



48.3396, 0.3499, 0.3403



48.3396, 0.3197, 0.3608



48.3396, 0.2769, 0.3159

Rectangle

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



48.3396, 0.3049, 0.2995



48.3396, 0.3360, 0.3186



48.3396, 0.3197, 0.3608



48.3396, 0.2895, 0.3393

Sweetspot

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



48.3417, 0.3049, 0.2995



92.7889, 0.3102, 0.3191



51.4089, 0.2946, 0.3129



19.5791, 0.3097, 0.3173



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.



48.3417, 0.3049, 0.2995



76.3306, 0.3031, 0.2931



49.7999, 0.3147, 0.3013



11.1386, 0.3066, 0.3056



4.9110, 0.2116, 0.0939



0.2981, 0.2321, 0.1052

Inverse Universe

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



49.2403, 0.3245, 0.3157



78.1152, 0.3273, 0.3128



56.2085, 0.3107, 0.3584



11.2977, 0.3219, 0.3184



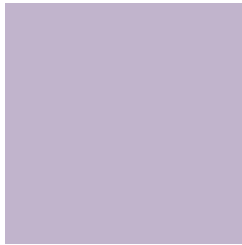
8.6002, 0.5119, 0.2594



0.4589, 0.4651, 0.2336

Previews

White Background



This preview shows how the Yxy color 48.3396, 0.3049, 0.2995 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 48.3396, 0.3049, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

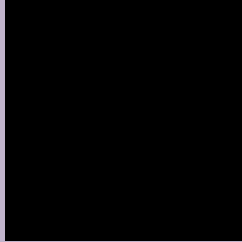
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3396, 0.3049, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 48.3396, 0.3049, 0.2995.



This preview shows how white text looks on a background with the Yxy color 48.3396, 0.3049, 0.2995.

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

48.3396, 0.3049, 0.2995

Protanopia

48.2683, 0.2945, 0.3001

Deuteranopia

48.4715, 0.3057, 0.2995



Tritanopia

48.2397, 0.3102, 0.3103

Trichromacy



Original Color

48.3396, 0.3049, 0.2995

Protanomaly

48.3028, 0.2984, 0.3003

Deuteranomaly

48.4715, 0.3057, 0.2995

Tritanomaly

48.3777, 0.3079, 0.3067

Monochromacy



Original Color

48.3396, 0.3049, 0.2995

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.9501, 0.3099, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3396, 0.3049, 0.2995 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(193, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 204)  
}
```

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(193, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 204) }
```

Border

The CSS property to change the border of an element to Yxy 48.3396, 0.3049, 0.2995 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(193, 180, 204) }
```

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

```
.border{ border-color:rgb(193, 180, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 180, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3396, 0.3049, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 204) }
```

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

```
.background{ background-color: rgb(193,  
180, 204) }
```

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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