

Converting Colors

Yxy(49.5926, 0.3103, 0.3093)

Have a look what the booklet for
Yxy(49.5926, 0.3103, 0.3093)
contains.

Yxy(49.5926, 0.3103, 0.3093)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.5926, 0.3103, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	C3B7C7
RGB	195, 183, 199
RGB Percent	76%, 72%, 78%
CMY	0.2352, 0.2824, 0.2195
CMYK	0.02, 0.08, 0.00, 0.22
HSL	285°, 13%, 75%
HSV	285°, 8%, 78%
XYZ	49.7529, 49.5926, 60.9926
YIQ	188.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

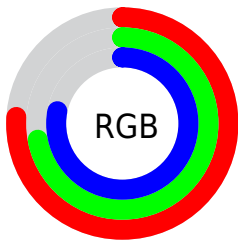
Format	Color
R_{YB}	195, 183, 199
Decimal	12826567
CIE Lab	75.82, 7.19, -6.56
CIE LCh	76, 9.734, 317.631
Yxy	49.5926, 0.3103, 0.3093
Android (android.graphics.Color)	4291016647 (0xFFC3B7C7)
YUV	188.4120, 5.2199, 5.7777
Hunter-Lab	70.4220, 2.8712, -2.0558

Details

The Yxy color $49.5926, 0.3103, 0.3093$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.8377, 0.3149, 0.3491$, and the grayscale version is $50.5075, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6485, 0.3115, 0.3135$, and $23.6723, 0.3093, 0.3041$ is the 20% darker color. If you saturate the color by 10%, you get $41.3065, 0.3067, 0.2836$, and if you desaturate by 10%, it is $59.0657, 0.3132, 0.3336$.

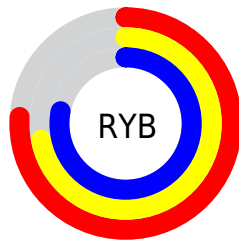
Distribution



Red (76%)

Green (72%)

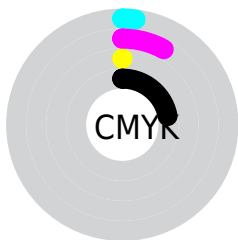
Blue (78%)



Red (76%)

Yellow (72%)

Blue (78%)

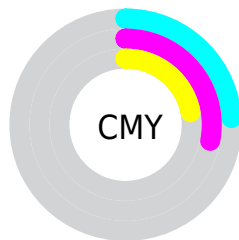


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (28%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5926, 0.3103, 0.3093 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 49.5926, 0.3103, 0.3093 by changing the saturation by 10% instead.


 49.5926, 0.3103,
0.3093

 49.5926, 0.3103,
0.3093


385.0706, 0.3116,
0.3189

 35.0898, 0.3100,
0.3070


 89.5710, 0.3108,
0.3127

 23.7321, 0.3096,
0.3040


115.8153, 0.3109,
0.3141

 15.1350, 0.3090,
0.3001


146.7423, 0.3111,
0.3152

 8.9142, 0.3082,
0.2948

182.7363, 0.3112,
0.3161

 4.6852, 0.3069,
0.2871

224.1818, 0.3113,
0.3170

 2.0638, 0.3047,
0.2750

271.4630, 0.3114,

 0.6441, 0.3024,

0.3177

0.2472

324.9645, 0.3115,
0.3183

0.0000, 0.0000,
0.0000

49.5926, 0.3103,
0.3093

49.5926, 0.3103,
0.3093

41.3065, 0.3067,
0.2836

59.0657, 0.3132,
0.3336

34.1525, 0.3025,
0.2571

69.7654, 0.3156,
0.3563

28.0805, 0.2976,
0.2303

81.7370, 0.3175,
0.3771

23.0344, 0.2920,
0.2044

90.0739, 0.3197,
0.3888

18.9529, 0.2859,
0.1803

90.8367, 0.3229,
0.3882

■ 15.7678, 0.2794,
0.1591

■ 91.6225, 0.3261,
0.3876

■ 13.4023, 0.2727,
0.1419

■ 92.4315, 0.3293,
0.3871

■ 11.7659, 0.2660,
0.1293

■ 93.2639, 0.3325,
0.3865

■ 10.7233, 0.2594,
0.1210

■ 94.1199, 0.3358,
0.3859

Harmonies

Analogous

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



49.5926, 0.2978, 0.3064



49.5926, 0.3103, 0.3093



49.5926, 0.3237, 0.3172

Triad

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



49.5926, 0.3103, 0.3093



49.5926, 0.3365, 0.3485



49.5926, 0.2916, 0.3294

Complementary

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



49.5926, 0.3103, 0.3093



54.8377, 0.3149, 0.3491

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.



49.5926, 0.3016, 0.3413



49.5926, 0.3103, 0.3093



49.5926, 0.3275, 0.3524

Square

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



49.5926, 0.3103, 0.3093



49.5926, 0.3390, 0.3395



49.5926, 0.3147, 0.3498



49.5926, 0.2872, 0.3177

Rectangle

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



49.5926, 0.3103, 0.3093



49.5926, 0.3313, 0.3242



49.5926, 0.3147, 0.3498



49.5926, 0.2944, 0.3335

Sweetspot

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



49.5947, 0.3103, 0.3093



96.5485, 0.3121, 0.3241



49.7327, 0.3004, 0.3138



20.7015, 0.3122, 0.3244



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.



49.5947, 0.3103, 0.3093



83.6088, 0.3096, 0.3040



49.9509, 0.3168, 0.3143



10.6782, 0.3099, 0.3060



6.8239, 0.2591, 0.1201



0.3557, 0.2726, 0.1275

Inverse Universe

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



49.5978, 0.3232, 0.3241



83.6239, 0.3262, 0.3228



54.5096, 0.3089, 0.3441



10.6796, 0.3251, 0.3233



7.9658, 0.5910, 0.3029



0.3892, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 49.5926, 0.3103, 0.3093 looks on a white background.

Color Contrast Check

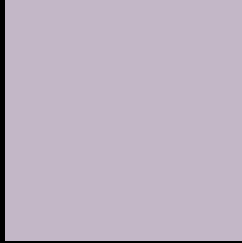
Large Text (above 18pt) WCAG AA × Fail

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 49.5926, 0.3103, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

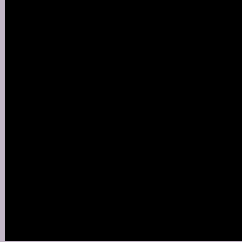
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

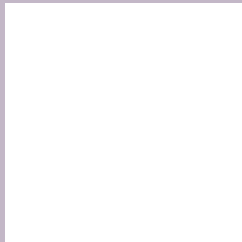
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5926, 0.3103, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 49.5926, 0.3103, 0.3093.



This preview shows how white text looks on a background with the Yxy color 49.5926, 0.3103, 0.3093.

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

49.5926, 0.3103, 0.3093

Protanopia

49.7740, 0.3014, 0.3102

Deuteranopia

49.3134, 0.3137, 0.3071



Tritanopia

49.5463, 0.3111, 0.3105

Trichromacy



Original Color

49.5926, 0.3103, 0.3093

Protanomaly

49.6869, 0.3045, 0.3103

Deuteranomaly

49.5852, 0.3128, 0.3082

Tritanomaly

49.5463, 0.3111, 0.3105

Monochromacy



Original Color

49.5926, 0.3103, 0.3093

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9999, 0.3122, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5926, 0.3103, 0.3093 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(195, 183, 199)` looks like.

```
.text, #text, p{  
    color:rgb(195, 183, 199)  
}
```

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(195, 183, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 183, 199) }
```

Border

The CSS property to change the border of an element to Yxy 49.5926, 0.3103, 0.3093 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(195, 183, 199) }
```

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

```
.border{ border-color:rgb(195, 183, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 183, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 183, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 183, 199);  
box-shadow:4px 4px 4px 4px rgb(195, 183,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5926, 0.3103, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 183, 199) }
```

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

```
.background{ background-color: rgb(195,  
183, 199) }
```

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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