

Converting Colors

$Y_{xy}(44.2591, 0.3182, 0.3116)$

Have a look what the booklet for
Yxy(44.2591, 0.3182, 0.3116)
contains.

Yxy(44.1266, 0.3180, 0.3111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.1266, 0.3180, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	BFACBA
RGB	191, 172, 186
RGB Percent	75%, 67%, 73%
CMY	0.2509, 0.3255, 0.2705
CMYK	0.00, 0.10, 0.03, 0.25
HSL	316°, 13%, 71%
HSV	316°, 10%, 75%
XYZ	45.1053, 44.1266, 52.6087
YIQ	179.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

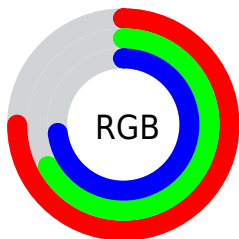
Format	Color
R _Y B	191, 172, 186
Decimal	12561594
CIE Lab	72.31, 9.34, -4.67
CIE LCh	72, 10.446, 333.418
Yxy	44.1266, 0.3180, 0.3111
Android (android.graphics.Color)	4290751674 (0xFFBFACBA)
YUV	179.2770, 3.3144, 10.2811
Hunter-Lab	66.4279, 4.9549, -0.4562

Details

The Yxy color **44.1266, 0.3180, 0.3111** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.2104, 0.3078, 0.3476**, and the grayscale version is **45.2162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1231, 0.3169, 0.3140**, and **20.5297, 0.3199, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **37.1636, 0.3242, 0.2924**, and if you desaturate by 10%, it is **52.1459, 0.3127, 0.3291**.

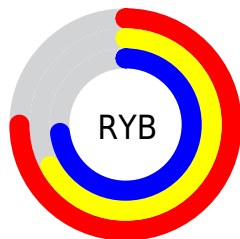
Distribution



Red (75%)

Green (67%)

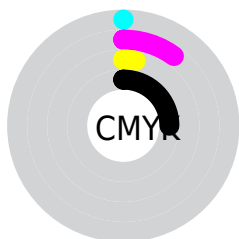
Blue (73%)



Red (75%)

Yellow (67%)

Blue (73%)

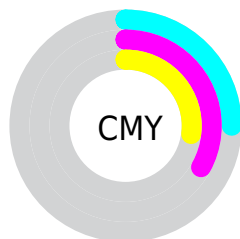


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1266, 0.3180, 0.3111 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 44.1266, 0.3180, 0.3111 by changing the saturation by 10% instead.


 44.1266, 0.3180,
0.3111

 44.1266, 0.3180,
0.3111


363.2246, 0.3154,
0.3200

 30.7700, 0.3186,
0.3089

 81.4082, 0.3171,
0.3143

 20.4238, 0.3195,
0.3060


106.1021, 0.3167,
0.3155

 12.7035, 0.3205,
0.3023


135.3438, 0.3164,
0.3166

 7.2247, 0.3220,
0.2970

169.5178, 0.3161,
0.3175

 3.6030, 0.3242,
0.2892

209.0085, 0.3159,
0.3182

 1.4541, 0.3277,
0.2764

254.2003, 0.3157,

 0.2561, 0.3536,

0.3189

0.1921

305.4775, 0.3156,
0.3195

0.0000, 0.0000,
0.0000

44.1266, 0.3180,
0.3111

44.1266, 0.3180,
0.3111

37.1636, 0.3242,
0.2924

52.1459, 0.3127,
0.3291

31.2068, 0.3314,
0.2734

61.2575, 0.3082,
0.3461

26.2103, 0.3395,
0.2547

71.5028, 0.3044,
0.3619

22.1227, 0.3486,
0.2372

82.9194, 0.3012,
0.3766

18.8877, 0.3585,
0.2217

87.3041, 0.2985,
0.3776

■ 16.4427, 0.3690,
0.2094

■ 87.5593, 0.2958,
0.3719

■ 14.7163, 0.3798,
0.2012

■ 87.8223, 0.2932,
0.3662

■ 13.6243, 0.3904,
0.1977

■ 88.0934, 0.2905,
0.3605

■ 13.0016, 0.4008,
0.1982

■ 88.3725, 0.2879,
0.3549

Harmonies

Analogous

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



44.1266, 0.3030, 0.3048



44.1266, 0.3180, 0.3111



44.1266, 0.3318, 0.3219

Triad

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



44.1266, 0.3180, 0.3111



44.1266, 0.3347, 0.3539



44.1266, 0.2857, 0.3222

Complementary

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



44.1266, 0.3180, 0.3111



49.2104, 0.3078, 0.3476

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.



44.1266, 0.2938, 0.3359



44.1266, 0.3180, 0.3111



44.1266, 0.3220, 0.3546

Square

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



44.1266, 0.3180, 0.3111



44.1266, 0.3416, 0.3465



44.1266, 0.3070, 0.3480



44.1266, 0.2846, 0.3108

Rectangle

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



44.1266, 0.3180, 0.3111



44.1266, 0.3384, 0.3304



44.1266, 0.3070, 0.3480



44.1266, 0.2877, 0.3267

Sweetspot

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



44.1285, 0.3180, 0.3111



88.7339, 0.3142, 0.3236



42.5845, 0.3014, 0.3039



19.2237, 0.3147, 0.3222



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.1285, 0.3180, 0.3111



76.0743, 0.3193, 0.3070



43.7466, 0.3259, 0.3229



9.6524, 0.3177, 0.3122



8.5555, 0.3995, 0.1975



0.3453, 0.3768, 0.1850

Inverse Universe

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



44.1285, 0.3180, 0.3111



76.0743, 0.3193, 0.3070



49.5929, 0.3010, 0.3352



9.6524, 0.3177, 0.3122



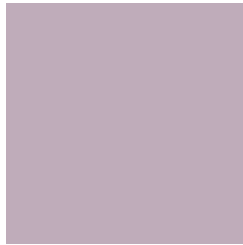
8.5555, 0.3995, 0.1975



0.3453, 0.3768, 0.1850

Previews

White Background



This preview shows how the Yxy color 44.1266, 0.3180, 0.3111 looks on a white background.

Color Contrast Check

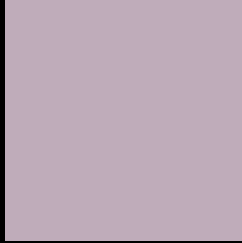
Large Text (above 18pt) WCAG AA × Fail

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 44.1266, 0.3180, 0.3111 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 44.1266, 0.3180, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 44.1266, 0.3180, 0.3111.



This preview shows how white text looks on a background with the Yxy color 44.1266, 0.3180, 0.3111.

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

44.1266, 0.3180, 0.3111

Protanopia

44.0719, 0.3032, 0.3119

Deuteranopia

44.1266, 0.3180, 0.3111



Tritanopia

44.1266, 0.3180, 0.3111

Trichromacy



Original Color

44.1266, 0.3180, 0.3111

Protanomaly

44.2359, 0.3083, 0.3121

Deuteranomaly

44.1266, 0.3180, 0.3111

Tritanomaly

44.1266, 0.3180, 0.3111

Monochromacy



Original Color

44.1266, 0.3180, 0.3111

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4953, 0.3140, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1266, 0.3180, 0.3111 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(191, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 186)  
}
```

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(191, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.1266, 0.3180, 0.3111 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(191, 172, 186) }
```

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

```
.border{ border-color:rgb(191, 172, 186) }
```

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

Here you see how a box with a 4 pixel rgb(191, 172, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1266, 0.3180, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 186) }
```

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

```
.background{ background-color: rgb(191,  
172, 186) }
```

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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