

Converting Colors

$Y_{xy}(45.9899, 0.3081, 0.2991)$

Have a look what the booklet for
Yxy(45.9899, 0.3081, 0.2991)
contains.

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Color

Yxy(45.9899, 0.3081, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	C0AFC7
RGB	192, 175, 199
RGB Percent	75%, 69%, 78%
CMY	0.2471, 0.3137, 0.2197
CMYK	0.04, 0.12, 0.00, 0.22
HSL	283°, 18%, 73%
HSV	283°, 12%, 78%
XYZ	47.3737, 45.9899, 60.3973
YIQ	182.8190, 2.4280, 11.0680

Conversions

Conversions Part 2

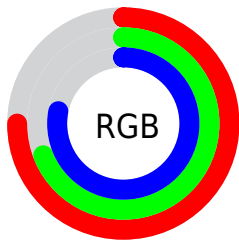
Format	Color
R_{YB}	192, 175, 199
Decimal	12627911
CIE _{Lab}	73.54, 10.49, -9.95
CIE _{LCh}	74, 14.459, 316.505
Yxy	45.9899, 0.3081, 0.2991
Android (android.graphics.Color)	4290817991 (0xFFC0AFC7)
YUV	182.8190, 7.9772, 8.0517
Hunter-Lab	67.8159, 6.0160, -5.3330

Details

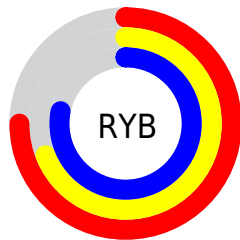
The Yxy color `45.9899, 0.3081, 0.2991` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `53.8746, 0.3168, 0.3597`, and the grayscale version is `47.2043, 0.3127, 0.3290`.

A 20% lighter version of the original color is `84.3283, 0.3091, 0.3055`, and `21.6135, 0.3062, 0.2919` is the 20% darker color. If you saturate the color by 10%, you get `38.0667, 0.3034, 0.2728`, and if you desaturate by 10%, it is `55.0880, 0.3120, 0.3241`.

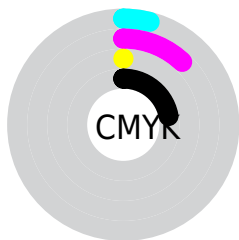
Distribution



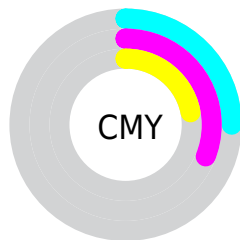
- Red (75%)
- Green (69%)
- Blue (78%)



- Red (75%)
- Yellow (69%)
- Blue (78%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9899, 0.3081, 0.2991 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 45.9899, 0.3081, 0.2991 by changing the saturation by 10% instead.

■ 45.9899, 0.3081,
0.2991

■ 45.9899, 0.3081,
0.2991

370.7680, 0.3105,
0.3138

■ 32.2379, 0.3075,
0.2955

■ 84.2039, 0.3090,
0.3044

■ 21.5432, 0.3066,
0.2910

109.4346, 0.3093,
0.3064

■ 13.5217, 0.3055,
0.2850

139.2603, 0.3096,
0.3081

■ 7.7887, 0.3038,
0.2768

174.0655, 0.3099,
0.3095

■ 3.9601, 0.3011,
0.2649

214.2344, 0.3101,
0.3108

■ 1.6512, 0.2965,
0.2460

260.1516, 0.3102,

■ 0.3918, 0.2921,

0.3119

0.1821

312.2013, 0.3104,
0.3129

0.0000, 0.0000,
0.0000

45.9899, 0.3081,
0.2991

45.9899, 0.3081,
0.2991

38.0667, 0.3034,
0.2728

55.0880, 0.3120,
0.3241

31.2626, 0.2980,
0.2457

65.4023, 0.3152,
0.3474

25.5256, 0.2918,
0.2187

76.9789, 0.3178,
0.3689

20.7978, 0.2849,
0.1926

89.8600, 0.3199,
0.3884

17.0150, 0.2774,
0.1688

91.0092, 0.3236,
0.3882

14.1061, 0.2696,
0.1483

91.9342, 0.3273,
0.3875

11.9891, 0.2617,
0.1320

92.8910, 0.3311,
0.3868

10.5665, 0.2540,
0.1204

93.8797, 0.3349,
0.3861

9.7884, 0.2480,
0.1140

94.9007, 0.3388,
0.3854

Harmonies

Analogous

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



45.9899, 0.2894, 0.2949



45.9899, 0.3081, 0.2991



45.9899, 0.3286, 0.3106

Triad

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



45.9899, 0.3081, 0.2991



45.9899, 0.3493, 0.3580



45.9899, 0.2811, 0.3301

Complementary

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



45.9899, 0.3081, 0.2991



53.8746, 0.3168, 0.3597

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.



45.9899, 0.2964, 0.3485



45.9899, 0.3081, 0.2991



45.9899, 0.3357, 0.3648

Square

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



45.9899, 0.3081, 0.2991



45.9899, 0.3528, 0.3439



45.9899, 0.3163, 0.3615



45.9899, 0.2742, 0.3120

Rectangle

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



45.9899, 0.3081, 0.2991



45.9899, 0.3405, 0.3210



45.9899, 0.3163, 0.3615



45.9899, 0.2854, 0.3365

Sweetspot

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



45.9919, 0.3081, 0.2991



93.1049, 0.3113, 0.3192



46.7748, 0.2940, 0.3073



19.6591, 0.3110, 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.



45.9919, 0.3081, 0.2991



77.3812, 0.3072, 0.2935



46.7054, 0.3180, 0.3054



10.6555, 0.3092, 0.3059



6.3426, 0.2490, 0.1145



0.3361, 0.2646, 0.1231

Inverse Universe

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



46.1791, 0.3282, 0.3203



77.7758, 0.3314, 0.3187



53.2378, 0.3078, 0.3538



10.6869, 0.3245, 0.3223



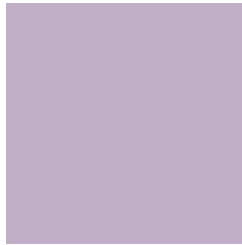
8.0171, 0.5771, 0.2953



0.3925, 0.5160, 0.2616

Previews

White Background



This preview shows how the Yxy color 45.9899, 0.3081, 0.2991 looks on a white background.

Color Contrast Check

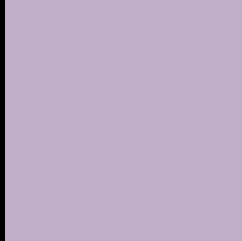
Large Text (above 18pt) WCAG AA × Fail

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 45.9899, 0.3081, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

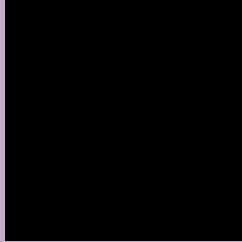
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9899, 0.3081, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 45.9899, 0.3081, 0.2991.



This preview shows how white text looks on a background with the Yxy color 45.9899, 0.3081, 0.2991.

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

45.9899, 0.3081, 0.2991

Protanopia

45.9694, 0.2941, 0.2995

Deuteranopia

46.1213, 0.3064, 0.3002



Tritanopia

45.8447, 0.3144, 0.3113

Trichromacy



Original Color

45.9899, 0.3081, 0.2991

Protanomaly

46.1251, 0.2989, 0.2998

Deuteranomaly

46.2506, 0.3072, 0.3003

Tritanomaly

45.9773, 0.3120, 0.3076

Monochromacy



Original Color

45.9899, 0.3081, 0.2991

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7557, 0.3107, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9899, 0.3081, 0.2991 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(192, 175, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 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(192, 175, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 199) }
```

Border

The CSS property to change the border of an element to Yxy 45.9899, 0.3081, 0.2991 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(192, 175, 199) }
```

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

```
.border{ border-color:rgb(192, 175, 199) }
```

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

Here you see how a box with a 4 pixel rgb(192, 175, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 199);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9899, 0.3081, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 199) }
```

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

```
.background{ background-color: rgb(192,  
175, 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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