

Converting Colors

$Y_{xy}(47.1863, 0.3255, 0.3184)$

Have a look what the booklet for
Yxy(47.1863, 0.3255, 0.3184)
contains.

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Color

Yxy(47.2688, 0.3255, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	C8B1BA
RGB	200, 177, 186
RGB Percent	78%, 69%, 73%
CMY	0.2158, 0.3058, 0.2706
CMYK	0.00, 0.11, 0.07, 0.22
HSL	337°, 17%, 74%
HSV	337°, 11%, 78%
XYZ	48.3988, 47.2688, 53.0231
YIQ	184.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

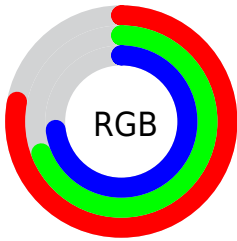
Format	Color
R _Y B	200, 177, 186
Decimal	13152698
CIE Lab	74.36, 9.78, -1.55
CIE LCh	74, 9.906, 350.975
Yxy	47.2688, 0.3255, 0.3179
Android (android.graphics.Color)	4291342778 (0xFFC8B1BA)
YUV	184.9030, 0.5408, 13.2401
Hunter-Lab	68.7523, 5.3403, 2.4010

Details

The Yxy color $47.2688, 0.3255, 0.3179$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.4076, 0.3015, 0.3404$, and the grayscale version is $48.4510, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9486, 0.3219, 0.3202$, and $22.2198, 0.3292, 0.3140$ is the 20% darker color. If you saturate the color by 10%, you get $39.4445, 0.3392, 0.3077$, and if you desaturate by 10%, it is $56.2991, 0.3142, 0.3276$.

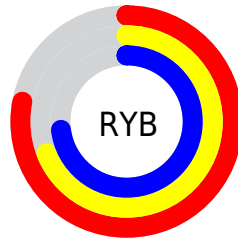
Distribution



Red (78%)

Green (69%)

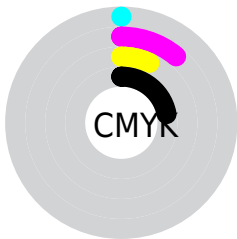
Blue (73%)



Red (78%)

Yellow (69%)

Blue (73%)

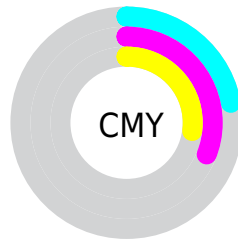


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2688, 0.3255, 0.3179 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 47.2688, 0.3255, 0.3179 by changing the saturation by 10% instead.


 47.2688, 0.3255,
0.3179

 47.2688, 0.3255,
0.3179


375.8865, 0.3191,
0.3234

 33.2482, 0.3271,
0.3165


 86.1147, 0.3232,
0.3199

 22.3167, 0.3291,
0.3148


111.7088, 0.3223,
0.3206

 14.0898, 0.3318,
0.3125


141.9296, 0.3216,
0.3213

 8.1831, 0.3355,
0.3093

177.1613, 0.3210,
0.3218

 4.2123, 0.3411,
0.3046

217.7885, 0.3204,
0.3223

 1.7930, 0.3503,
0.2969

264.1955, 0.3199,

 0.4828, 0.3844,

0.3227

0.2660

316.7667, 0.3195,
0.3231

0.0000, 0.0000,
0.0000

47.2688, 0.3255,
0.3179

47.2688, 0.3255,
0.3179

39.4445, 0.3392,
0.3077

56.2991, 0.3142,
0.3276

32.7686, 0.3559,
0.2971

66.5771, 0.3049,
0.3367

27.1884, 0.3758,
0.2867

78.1506, 0.2973,
0.3450

22.6442, 0.3994,
0.2772

89.7770, 0.2910,
0.3506

19.0709, 0.4264,
0.2695

90.5040, 0.2847,
0.3375

■ 16.3958, 0.4562,
0.2648

■ 91.0160, 0.2805,
0.3289

■ 14.5359, 0.4876,
0.2643

■ 13.3921, 0.5183,
0.2691

■ 12.8290, 0.5428,
0.2764

Harmonies

Analogous

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



47.2688, 0.3118, 0.3093



47.2688, 0.3255, 0.3179



47.2688, 0.3359, 0.3294

Triad

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



47.2688, 0.3255, 0.3179



47.2688, 0.3267, 0.3532



47.2688, 0.2862, 0.3161

Complementary

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



47.2688, 0.3255, 0.3179



54.4076, 0.3015, 0.3404

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.



47.2688, 0.2900, 0.3280



47.2688, 0.3255, 0.3179



47.2688, 0.3132, 0.3498

Square

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



47.2688, 0.3255, 0.3179



47.2688, 0.3365, 0.3499



47.2688, 0.2998, 0.3405



47.2688, 0.2893, 0.3080

Rectangle

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



47.2688, 0.3255, 0.3179



47.2688, 0.3394, 0.3373



47.2688, 0.2998, 0.3405



47.2688, 0.2867, 0.3197

Sweetspot

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



47.2709, 0.3255, 0.3179



94.9194, 0.3158, 0.3261



46.6683, 0.3062, 0.3004



20.0333, 0.3167, 0.3254



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.



47.2709, 0.3255, 0.3179



77.9778, 0.3290, 0.3152



47.8157, 0.3327, 0.3319



10.7045, 0.3229, 0.3200



8.1758, 0.5392, 0.2744



0.4013, 0.4834, 0.2437

Inverse Universe

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



47.2709, 0.3255, 0.3179



77.9778, 0.3290, 0.3152



53.7597, 0.2952, 0.3261



10.7045, 0.3229, 0.3200



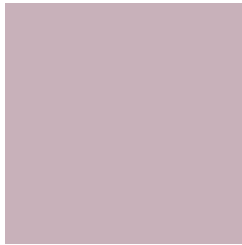
8.1758, 0.5392, 0.2744



0.4013, 0.4834, 0.2437

Previews

White Background



This preview shows how the Yxy color 47.2688, 0.3255, 0.3179 looks on a white background.

Color Contrast Check

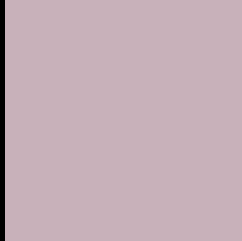
Large Text (above 18pt) WCAG AA × Fail

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 47.2688, 0.3255, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

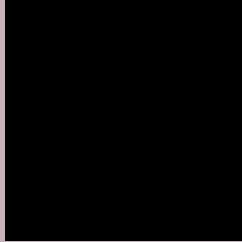
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2688, 0.3255, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 47.2688, 0.3255, 0.3179.



This preview shows how white text looks on a background with the Yxy color 47.2688, 0.3255, 0.3179.

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

47.2688, 0.3255, 0.3179

Protanopia

47.3204, 0.3089, 0.3200

Deuteranopia

47.1316, 0.3246, 0.3178



Tritanopia

47.1859, 0.3232, 0.3118

Trichromacy



Original Color

47.2688, 0.3255, 0.3179

Protanomaly

47.2205, 0.3149, 0.3189

Deuteranomaly

47.1316, 0.3246, 0.3178

Tritanomaly

47.1423, 0.3240, 0.3130

Monochromacy



Original Color

47.2688, 0.3255, 0.3179

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9058, 0.3172, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2688, 0.3255, 0.3179 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(200, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(200, 177, 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(200, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 177, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.2688, 0.3255, 0.3179 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(200, 177, 186) }
```

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

```
.border{ border-color:rgb(200, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 177,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2688, 0.3255, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 177, 186) }
```

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

```
.background{ background-color: rgb(200,  
177, 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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