

Converting Colors

$Y_{xy}(47.2736, 0.3120, 0.3177)$

Have a look what the booklet for
Yxy(47.2736, 0.3120, 0.3177)
contains.

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Color

Yxy(47.4132, 0.3123, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	BCB5BD
RGB	188, 181, 189
RGB Percent	74%, 71%, 74%
CMY	0.2628, 0.2902, 0.2587
CMYK	0.01, 0.04, 0.00, 0.26
HSL	292°, 6%, 73%
HSV	292°, 4%, 74%
XYZ	46.4465, 47.4132, 54.8643
YIQ	184.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

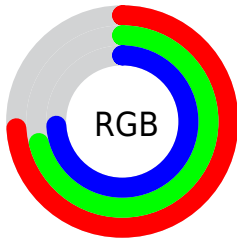
Format	Color
R _Y B	188, 181, 189
Decimal	12367293
CIE Lab	74.45, 3.94, -3.20
CIE LCh	74, 5.077, 320.984
Yxy	47.4132, 0.3123, 0.3188
Android (android.graphics.Color)	4290557373 (0xFFBCB5BD)
YUV	184.0050, 2.4625, 3.5036
Hunter-Lab	68.8572, -0.0960, 0.9588

Details

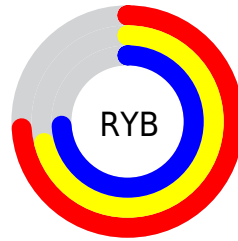
The Yxy color $47.4132, 0.3123, 0.3188$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.6972, 0.3131, 0.3394$, and the grayscale version is $47.9214, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3940, 0.3124, 0.3210$, and $22.3668, 0.3122, 0.3152$ is the 20% darker color. If you saturate the color by 10%, you get $39.9297, 0.3111, 0.2940$, and if you desaturate by 10%, it is $55.9491, 0.3132, 0.3424$.

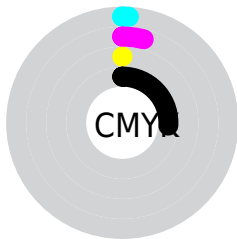
Distribution



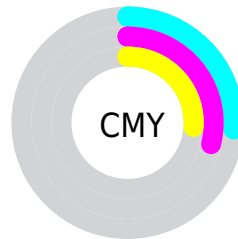
- Red (74%)
- Green (71%)
- Blue (74%)



- Red (74%)
- Yellow (71%)
- Blue (74%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4132, 0.3123, 0.3188 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 47.4132, 0.3123, 0.3188 by changing the saturation by 10% instead.

■ 47.4132, 0.3123,
0.3188

■ 47.4132, 0.3123,
0.3188

376.4615, 0.3125,
0.3239

■ 33.3624, 0.3122,
0.3175

■ 86.3301, 0.3124,
0.3206

■ 22.4042, 0.3122,
0.3160

111.9650, 0.3124,
0.3213

■ 14.1542, 0.3120,
0.3138

142.2300, 0.3124,
0.3219

■ 8.2280, 0.3119,
0.3109

177.5096, 0.3125,
0.3224

■ 4.2412, 0.3116,
0.3066

218.1882, 0.3125,
0.3228

■ 1.8094, 0.3111,
0.2995

264.6501, 0.3125,

■ 0.4930, 0.3107,

0.3232

0.2712

317.2797, 0.3125,
0.3236

0.0000, 0.0000,
0.0000

47.4132, 0.3123,
0.3188

47.4132, 0.3123,
0.3188

39.9297, 0.3111,
0.2940

55.9491, 0.3132,
0.3424

33.4509, 0.3096,
0.2684

65.5709, 0.3138,
0.3646

27.9343, 0.3077,
0.2429

76.3177, 0.3143,
0.3850

23.3318, 0.3054,
0.2182

87.1869, 0.3146,
0.4022

19.5916, 0.3028,
0.1953

87.5263, 0.3162,
0.4018

■ 16.6564, 0.2998,
0.1753

■ 87.8713, 0.3177,
0.4015

■ 14.4618, 0.2966,
0.1590

■ 88.2218, 0.3193,
0.4011

■ 12.9339, 0.2933,
0.1469

■ 88.5780, 0.3208,
0.4008

■ 11.9830, 0.2899,
0.1392

■ 88.9397, 0.3224,
0.4004

Harmonies

Analogous

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



47.4132, 0.3055, 0.3170



47.4132, 0.3123, 0.3188



47.4132, 0.3193, 0.3233

Triad

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



47.4132, 0.3123, 0.3188



47.4132, 0.3249, 0.3397



47.4132, 0.3010, 0.3286

Complementary

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



47.4132, 0.3123, 0.3188



49.6972, 0.3131, 0.3394

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.



47.4132, 0.3061, 0.3348



47.4132, 0.3123, 0.3188



47.4132, 0.3199, 0.3413

Square

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



47.4132, 0.3123, 0.3188



47.4132, 0.3266, 0.3353



47.4132, 0.3130, 0.3395



47.4132, 0.2990, 0.3225

Rectangle

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



47.4132, 0.3123, 0.3188



47.4132, 0.3231, 0.3272



47.4132, 0.3130, 0.3395



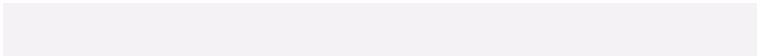
47.4132, 0.3024, 0.3307

Sweetspot

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



47.4152, 0.3123, 0.3188



89.6133, 0.3126, 0.3266



46.9881, 0.3064, 0.3200



19.2877, 0.3126, 0.3267



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



47.4152, 0.3123, 0.3188



83.6987, 0.3122, 0.3168



47.4228, 0.3155, 0.3225



10.2665, 0.3122, 0.3155



7.8214, 0.2884, 0.1362



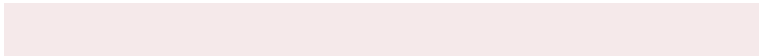
0.3243, 0.2967, 0.1408

Inverse Universe

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



47.2538, 0.3188, 0.3277



83.3555, 0.3200, 0.3274



49.6916, 0.3100, 0.3355



10.2199, 0.3208, 0.3272



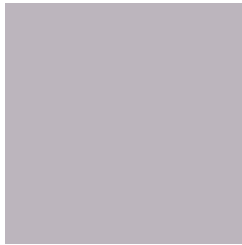
7.3324, 0.6212, 0.3195



0.2939, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 47.4132, 0.3123, 0.3188 looks on a white background.

Color Contrast Check

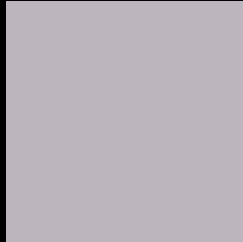
Large Text (above 18pt) WCAG AA × Fail

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 47.4132, 0.3123, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

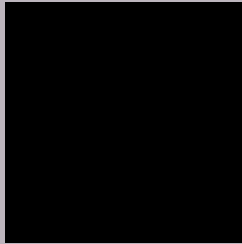
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

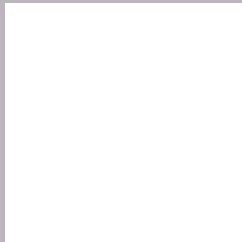
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4132, 0.3123, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 47.4132, 0.3123, 0.3188.

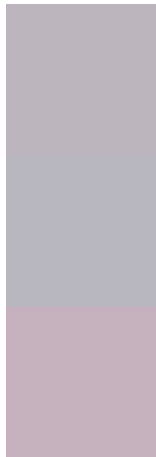


This preview shows how white text looks on a background with the Yxy color 47.4132, 0.3123, 0.3188.

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

47.4132, 0.3123, 0.3188

Protanopia

47.3639, 0.3081, 0.3187

Deuteranopia

47.5643, 0.3204, 0.3141



Tritanopia

47.3564, 0.3093, 0.3113

Trichromacy



Original Color

47.4132, 0.3123, 0.3188

Protanomaly

47.4879, 0.3090, 0.3188

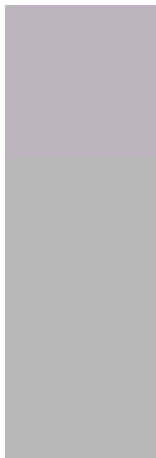
Deuteranomaly

47.4272, 0.3168, 0.3152

Tritanomaly

47.2671, 0.3109, 0.3138

Monochromacy



Original Color

47.4132, 0.3123, 0.3188

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7264, 0.3121, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4132, 0.3123, 0.3188 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(188, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(188, 181, 189)  
}
```

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(188, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 181, 189) }
```

Border

The CSS property to change the border of an element to Yxy 47.4132, 0.3123, 0.3188 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(188, 181, 189) }
```

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

```
.border{ border-color:rgb(188, 181, 189) }
```

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

Here you see how a box with a 4 pixel rgb(188, 181, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(188, 181,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4132, 0.3123, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 181, 189) }
```

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

```
.background{ background-color: rgb(188,  
181, 189) }
```

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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