

Converting Colors

$Y_{xy}(48.3279, 0.3017, 0.2988)$

Have a look what the booklet for
Yxy(48.3279, 0.3017, 0.2988)
contains.

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Color

Yxy(48.4027, 0.3016, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	BEB5CD
RGB	190, 181, 205
RGB Percent	75%, 71%, 80%
CMY	0.2550, 0.2901, 0.1960
CMYK	0.07, 0.12, 0.00, 0.20
HSL	262°, 19%, 76%
HSV	262°, 12%, 80%
XYZ	48.7747, 48.4027, 64.5423
YIQ	186.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

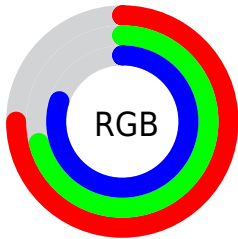
Format	Color
R_{YB}	190, 181, 205
Decimal	12498381
CIE Lab	75.08, 7.72, -10.97
CIE LCh	75, 13.420, 305.139
Yxy	48.4027, 0.3016, 0.2993
Android (android.graphics.Color)	4290688461 (0xFFBEB5CD)
YUV	186.4270, 9.1565, 3.1335
Hunter-Lab	69.5720, 3.3893, -6.3032

Details

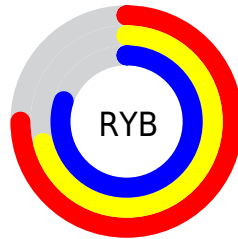
The Yxy color `48.4027, 0.3016, 0.2993` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `58.7538, 0.3230, 0.3583`, and the grayscale version is `49.3029, 0.3127, 0.3290`.

A 20% lighter version of the original color is `87.3812, 0.3076, 0.3114`, and `22.9911, 0.2987, 0.2907` is the 20% darker color. If you saturate the color by 10%, you get `39.0885, 0.2905, 0.2714`, and if you desaturate by 10%, it is `59.0939, 0.3112, 0.3249`.

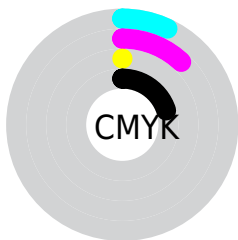
Distribution



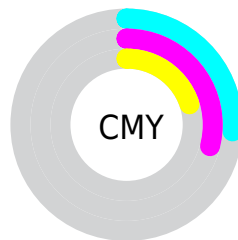
- Red (75%)
- Green (71%)
- Blue (80%)



- Red (75%)
- Yellow (71%)
- Blue (80%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4027, 0.3016, 0.2993 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 48.4027, 0.3016, 0.2993 by changing the saturation by 10% instead.

■ 48.4027, 0.3016,
0.2993

■ 48.4027, 0.3016,
0.2993

380.3861, 0.3072,
0.3138

■ 34.1459, 0.3002,
0.2958

■ 87.8037, 0.3036,
0.3045

■ 23.0057, 0.2984,
0.2913

113.7167, 0.3044,
0.3065

■ 14.5977, 0.2960,
0.2855

144.2838, 0.3051,
0.3081

■ 8.5375, 0.2926,
0.2776

179.8895, 0.3056,
0.3096

■ 4.4408, 0.2875,
0.2661

220.9182, 0.3061,
0.3108

■ 1.9231, 0.2791,
0.2482

267.7543, 0.3065,

■ 0.5622, 0.2651,

0.3120

0.2062

320.7821, 0.3069,
0.3129

0.0000, 0.0000,
0.0000

48.4027, 0.3016,
0.2993

48.4027, 0.3016,
0.2993

39.0885, 0.2905,
0.2714

59.0939, 0.3112,
0.3249

31.0880, 0.2778,
0.2415

71.2095, 0.3194,
0.3480

24.3420, 0.2637,
0.2103

84.8025, 0.3264,
0.3686

18.7843, 0.2485,
0.1791

94.6966, 0.3334,
0.3795

14.3425, 0.2326,
0.1493

97.0436, 0.3419,
0.3781

■ 10.9359, 0.2168,
0.1227

■ 97.1888, 0.3424,
0.3780

■ 8.4726, 0.2020,
0.1009

■ 6.8430, 0.1889,
0.0852

■ 5.9657, 0.1796,
0.0763

Harmonies

Analogous

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



48.4027, 0.2863, 0.2985



48.4027, 0.3016, 0.2993



48.4027, 0.3203, 0.3075

Triad

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



48.4027, 0.3016, 0.2993



48.4027, 0.3485, 0.3513



48.4027, 0.2884, 0.3366

Complementary

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



48.4027, 0.3016, 0.2993



58.7538, 0.3230, 0.3583

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.



48.4027, 0.3044, 0.3521



48.4027, 0.3016, 0.2993



48.4027, 0.3393, 0.3603

Square

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



48.4027, 0.3016, 0.2993



48.4027, 0.3478, 0.3369



48.4027, 0.3231, 0.3608



48.4027, 0.2789, 0.3194

Rectangle

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



48.4027, 0.3016, 0.2993



48.4027, 0.3322, 0.3161



48.4027, 0.3231, 0.3608



48.4027, 0.2932, 0.3422

Sweetspot

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



48.4048, 0.3016, 0.2993



92.4712, 0.3091, 0.3191



53.8123, 0.2947, 0.3180



19.4987, 0.3084, 0.3172



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.



48.4048, 0.3016, 0.2993



75.2995, 0.2990, 0.2926



49.9929, 0.3114, 0.3002



11.0445, 0.3040, 0.3055



3.7631, 0.1810, 0.0771



0.2371, 0.2036, 0.0895

Inverse Universe

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



50.0232, 0.3212, 0.3109



78.4713, 0.3232, 0.3070



57.2262, 0.3137, 0.3591



11.3300, 0.3194, 0.3146



9.0776, 0.4419, 0.2208



0.4827, 0.4122, 0.2045

Previews

White Background



This preview shows how the Yxy color 48.4027, 0.3016, 0.2993 looks on a white background.

Color Contrast Check

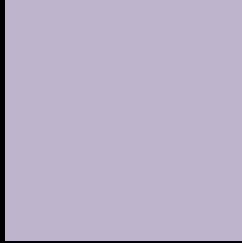
Large Text (above 18pt) WCAG AA × Fail

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 48.4027, 0.3016, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

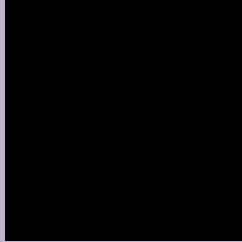
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

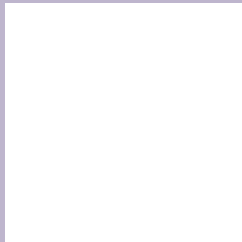
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4027, 0.3016, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 48.4027, 0.3016, 0.2993.



This preview shows how white text looks on a background with the Yxy color 48.4027, 0.3016, 0.2993.

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

48.4027, 0.3016, 0.2993

Protanopia

48.3171, 0.2937, 0.2989

Deuteranopia

48.3878, 0.3041, 0.2983



Tritanopia

48.3059, 0.3069, 0.3102

Trichromacy



Original Color

48.4027, 0.3016, 0.2993

Protanomaly

48.2264, 0.2969, 0.2990

Deuteranomaly

48.2568, 0.3033, 0.2982

Tritanomaly

48.4448, 0.3046, 0.3065

Monochromacy



Original Color

48.4027, 0.3016, 0.2993

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.6960, 0.3082, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4027, 0.3016, 0.2993 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(190, 181, 205)` looks like.

```
.text, #text, p{  
    color:rgb(190, 181, 205)  
}
```

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(190, 181, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 181, 205) }
```

Border

The CSS property to change the border of an element to Yxy 48.4027, 0.3016, 0.2993 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(190, 181, 205) }
```

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

```
.border{ border-color:rgb(190, 181, 205) }
```

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

Here you see how a box with a 4 pixel rgb(190, 181, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 181, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 181, 205);  
box-shadow:4px 4px 4px 4px rgb(190, 181,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4027, 0.3016, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 181, 205) }
```

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

```
.background{ background-color: rgb(190,  
181, 205) }
```

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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