

Converting Colors

$Yxy(48.7831, 0.2996, 0.3049)$

Have a look what the booklet for
Yxy(48.7831, 0.2996, 0.3049)
contains.

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Color

Yxy(48.9071, 0.2991, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	B9B8CB
RGB	185, 184, 203
RGB Percent	73%, 72%, 80%
CMY	0.2744, 0.2784, 0.2039
CMYK	0.09, 0.09, 0.00, 0.20
HSL	243°, 15%, 76%
HSV	243°, 9%, 80%
XYZ	47.9296, 48.9071, 63.4094
YIQ	186.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

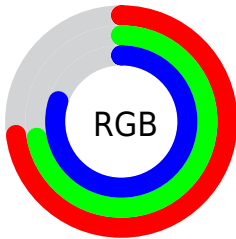
Format	Color
R _Y B	185, 184, 203
Decimal	12171467
CIE Lab	75.39, 4.04, -9.44
CIE LCh	75, 10.270, 293.164
Yxy	48.9071, 0.2991, 0.3052
Android (android.graphics.Color)	4290361547 (0xFFB9B8CB)
YUV	186.4650, 8.1518, -1.2848
Hunter-Lab	69.9336, -0.0473, -4.8052

Details

The Yxy color $48.9071, 0.2991, 0.3052$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.7234, 0.3257, 0.3519$, and the grayscale version is $49.3350, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2409, 0.3044, 0.3142$, and $23.3081, 0.2953, 0.2985$ is the 20% darker color. If you saturate the color by 10%, you get $38.8414, 0.2826, 0.2766$, and if you desaturate by 10%, it is $60.5100, 0.3136, 0.3305$.

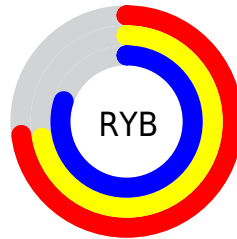
Distribution



Red (73%)

Green (72%)

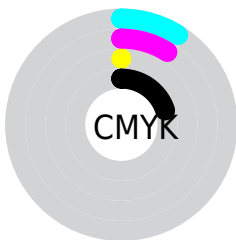
Blue (80%)



Red (73%)

Yellow (72%)

Blue (80%)

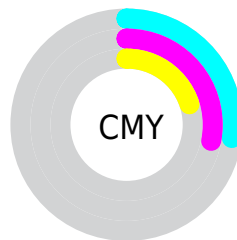


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (28%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.9071, 0.2991, 0.3052 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 48.9071, 0.2991, 0.3052 by changing the saturation by 10% instead.

■ 48.9071, 0.2991,
0.3052

■ 48.9071, 0.2991,
0.3052

■ 382.3765, 0.3059,
0.3169

■ 34.5458, 0.2974,
0.3024

■ 88.5535, 0.3016,
0.3094

■ 23.3132, 0.2953,
0.2987

■ 114.6073, 0.3025,
0.3110

■ 14.8249, 0.2924,
0.2940

■ 145.3274, 0.3033,
0.3123

■ 8.6966, 0.2884,
0.2875

■ 181.0983, 0.3039,
0.3135

■ 4.5438, 0.2826,
0.2780

■ 222.3042, 0.3045,
0.3145

■ 1.9822, 0.2731,
0.2630

■ 269.3296, 0.3050,

■ 0.5971, 0.2546,

0.3154

0.2282

322.5589, 0.3055,
0.3162

0.0000, 0.0000,
0.0000

48.9071, 0.2991,
0.3052

48.9071, 0.2991,
0.3052

38.8414, 0.2826,
0.2766

60.5100, 0.3136,
0.3305

30.2425, 0.2642,
0.2449

73.7043, 0.3261,
0.3527

23.0438, 0.2442,
0.2109

88.5490, 0.3369,
0.3718

17.1712, 0.2234,
0.1759

97.0915, 0.3436,
0.3800

12.5437, 0.2029,
0.1418

■ 9.0713, 0.1842,
0.1112

■ 6.6521, 0.1688,
0.0867

■ 5.1665, 0.1579,
0.0701

■ 4.4187, 0.1517,
0.0613

Harmonies

Analogous

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



48.9071, 0.2892, 0.3071



48.9071, 0.2991, 0.3052



48.9071, 0.3128, 0.3093

Triad

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



48.9071, 0.2991, 0.3052



48.9071, 0.3407, 0.3421



48.9071, 0.2986, 0.3399

Complementary

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



48.9071, 0.2991, 0.3052



58.7234, 0.3257, 0.3519

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.



48.9071, 0.3121, 0.3499



48.9071, 0.2991, 0.3052



48.9071, 0.3366, 0.3509

Square

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



48.9071, 0.2991, 0.3052



48.9071, 0.3370, 0.3303



48.9071, 0.3261, 0.3538



48.9071, 0.2889, 0.3270

Rectangle

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



48.9071, 0.2991, 0.3052



48.9071, 0.3223, 0.3150



48.9071, 0.3261, 0.3538



48.9071, 0.3028, 0.3437

Sweetspot

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



48.9092, 0.2991, 0.3052



93.8683, 0.3085, 0.3216



56.7639, 0.2984, 0.3278



19.7497, 0.3073, 0.3196



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.



48.9092, 0.2991, 0.3052



78.6986, 0.2963, 0.3003



50.1214, 0.3067, 0.3058



10.8721, 0.2990, 0.3051



2.8012, 0.1519, 0.0610



0.1548, 0.1582, 0.0645

Inverse Universe

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



51.2402, 0.3146, 0.3075



83.2946, 0.3149, 0.3033



57.4480, 0.3182, 0.3524



11.3930, 0.3146, 0.3074



10.5104, 0.3347, 0.1617



0.5455, 0.3317, 0.1601

Previews

White Background



This preview shows how the Yxy color 48.9071, 0.2991, 0.3052 looks on a white background.

Color Contrast Check

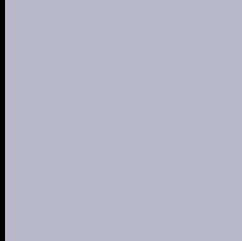
Large Text (above 18pt) WCAG AA × Fail

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 48.9071, 0.2991, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

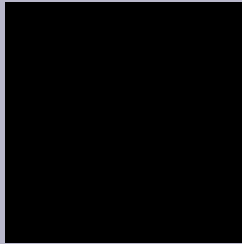
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

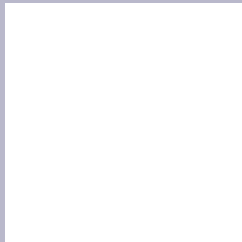
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9071, 0.2991, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 48.9071, 0.2991, 0.3052.



This preview shows how white text looks on a background with the Yxy color 48.9071, 0.2991, 0.3052.

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

48.9071, 0.2991, 0.3052

Protanopia

48.7831, 0.2983, 0.3051

Deuteranopia

49.0095, 0.3065, 0.3009



Tritanopia

49.0118, 0.3012, 0.3113

Trichromacy



Original Color

48.9071, 0.2991, 0.3052

Protanomaly

48.7831, 0.2983, 0.3051

Deuteranomaly

48.8919, 0.3032, 0.3018

Tritanomaly

49.0584, 0.3005, 0.3101

Monochromacy



Original Color

48.9071, 0.2991, 0.3052

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9428, 0.3082, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9071, 0.2991, 0.3052 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(185, 184, 203)` looks like.

```
.text, #text, p{  
    color:rgb(185, 184, 203)  
}
```

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(185, 184, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 184, 203) }
```

Border

The CSS property to change the border of an element to Yxy 48.9071, 0.2991, 0.3052 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(185, 184, 203) }
```

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

```
.border{ border-color:rgb(185, 184, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 184, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 184, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 184, 203);  
box-shadow:4px 4px 4px 4px rgb(185, 184,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9071, 0.2991, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 184, 203) }
```

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

```
.background{ background-color: rgb(185,  
184, 203) }
```

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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