

Converting Colors

$Y_{xy}(48.5329, 0.2990, 0.3075)$

Have a look what the booklet for
Yxy(48.5329, 0.2990, 0.3075)
contains.

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Color

Yxy(48.5653, 0.2990, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	B7B8C9
RGB	183, 184, 201
RGB Percent	72%, 72%, 79%
CMY	0.2821, 0.2785, 0.2117
CMYK	0.09, 0.08, 0.00, 0.21
HSL	237°, 14%, 75%
HSV	237°, 9%, 79%
XYZ	47.2228, 48.5653, 62.1478
YIQ	185.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

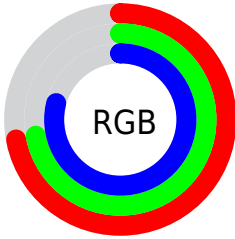
Format	Color
R _Y B	183, 184, 201
Decimal	12040393
CIE Lab	75.18, 2.99, -8.70
CIE LCh	75, 9.196, 289.000
Yxy	48.5653, 0.2990, 0.3075
Android (android.graphics.Color)	4290230473 (0xFFB7B8C9)
YUV	185.6390, 7.5730, -2.3144
Hunter-Lab	69.6888, -0.9994, -4.0921

Details

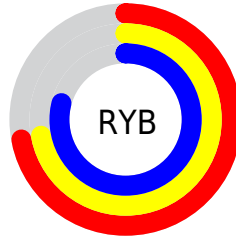
The Yxy color $48.5653, 0.2990, 0.3075$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.1878, 0.3260, 0.3496$, and the grayscale version is $48.8556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8909, 0.3031, 0.3141$, and $23.0850, 0.2951, 0.3016$ is the 20% darker color. If you saturate the color by 10%, you get $38.8811, 0.2818, 0.2804$, and if you desaturate by 10%, it is $59.6732, 0.3143, 0.3314$.

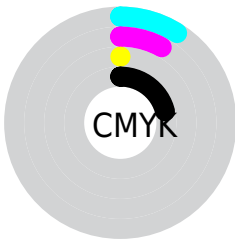
Distribution



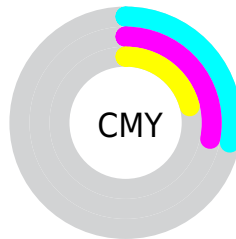
- Red (72%)
- Green (72%)
- Blue (79%)



- Red (72%)
- Yellow (72%)
- Blue (79%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5653, 0.2990, 0.3075 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 48.5653, 0.2990, 0.3075 by changing the saturation by 10% instead.

■ 48.5653, 0.2990,
0.3075

■ 48.5653, 0.2990,
0.3075

381.0285, 0.3058,
0.3181

■ 34.2748, 0.2973,
0.3049

■ 88.0455, 0.3015,
0.3113

■ 23.1048, 0.2951,
0.3016

114.0039, 0.3024,
0.3128

■ 14.6709, 0.2923,
0.2973

144.6205, 0.3032,
0.3140

■ 8.5887, 0.2883,
0.2913

180.2795, 0.3039,
0.3150

■ 4.4739, 0.2824,
0.2825

221.3654, 0.3045,
0.3159

■ 1.9420, 0.2728,
0.2686

268.2627, 0.3050,

■ 0.5735, 0.2524,

0.3167

0.2341

321.3555, 0.3054,
0.3175

0.0000, 0.0000,
0.0000

48.5653, 0.2990,
0.3075

48.5653, 0.2990,
0.3075

38.8811, 0.2818,
0.2804

59.6732, 0.3143,
0.3314

30.5572, 0.2629,
0.2502

72.2526, 0.3276,
0.3522

23.5345, 0.2425,
0.2175

86.3567, 0.3393,
0.3702

17.7472, 0.2215,
0.1835

96.9974, 0.3448,
0.3820

13.1238, 0.2011,
0.1498

■ 9.5854, 0.1826,
0.1189

■ 7.0434, 0.1675,
0.0931

■ 5.3949, 0.1570,
0.0744

■ 4.5038, 0.1513,
0.0636

Harmonies

Analogous

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



48.5653, 0.2908, 0.3101



48.5653, 0.2990, 0.3075



48.5653, 0.3110, 0.3105

Triad

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



48.5653, 0.2990, 0.3075



48.5653, 0.3377, 0.3395



48.5653, 0.3016, 0.3402

Complementary

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



48.5653, 0.2990, 0.3075



57.1878, 0.3260, 0.3496

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.



48.5653, 0.3140, 0.3485



48.5653, 0.2990, 0.3075



48.5653, 0.3350, 0.3478

Square

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



48.5653, 0.2990, 0.3075



48.5653, 0.3336, 0.3286



48.5653, 0.3263, 0.3513



48.5653, 0.2923, 0.3288

Rectangle

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



48.5653, 0.2990, 0.3075



48.5653, 0.3196, 0.3152



48.5653, 0.3263, 0.3513



48.5653, 0.3055, 0.3435

Sweetspot

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



48.5673, 0.2990, 0.3075



94.0352, 0.3082, 0.3220



56.0133, 0.2999, 0.3304



19.7945, 0.3070, 0.3200



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.



48.5673, 0.2990, 0.3075



79.2465, 0.2953, 0.3017



49.1654, 0.3053, 0.3068



10.3736, 0.2983, 0.3064



2.8339, 0.1510, 0.0637



0.1654, 0.1546, 0.0766

Inverse Universe

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



49.7713, 0.3273, 0.3279



81.7942, 0.3315, 0.3276



56.5665, 0.3196, 0.3511



10.6456, 0.3282, 0.3278



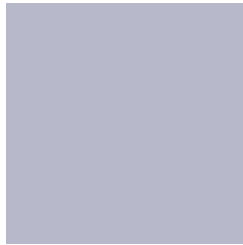
7.8261, 0.6338, 0.3265



0.3737, 0.6124, 0.3147

Previews

White Background



This preview shows how the Yxy color 48.5653, 0.2990, 0.3075 looks on a white background.

Color Contrast Check

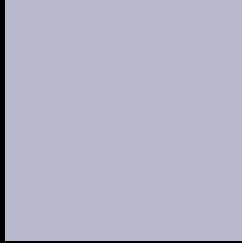
Large Text (above 18pt) WCAG AA × Fail

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 48.5653, 0.2990, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

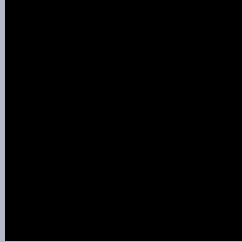
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5653, 0.2990, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 48.5653, 0.2990, 0.3075.

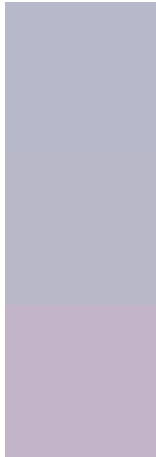


This preview shows how white text looks on a background with the Yxy color 48.5653, 0.2990, 0.3075.

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

48.5653, 0.2990, 0.3075

Protanopia

48.6884, 0.2998, 0.3076

Deuteranopia

48.5089, 0.3081, 0.3020



Tritanopia

48.4718, 0.3004, 0.3100

Trichromacy



Original Color

48.5653, 0.2990, 0.3075

Protanomaly

48.6884, 0.2998, 0.3076

Deuteranomaly

48.3884, 0.3047, 0.3030

Tritanomaly

48.5184, 0.2997, 0.3088

Monochromacy



Original Color

48.5653, 0.2990, 0.3075

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7738, 0.3081, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5653, 0.2990, 0.3075 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(183, 184, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 201)  
}
```

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(183, 184, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 201) }
```

Border

The CSS property to change the border of an element to Yxy 48.5653, 0.2990, 0.3075 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(183, 184, 201) }
```

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

```
.border{ border-color:rgb(183, 184, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 184, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 184, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 184, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 184,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5653, 0.2990, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 201) }
```

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

```
.background{ background-color: rgb(183,  
184, 201) }
```

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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