

Converting Colors

Yxy(48.4138, 0.2852, 0.2958)

Have a look what the booklet for
Yxy(48.4138, 0.2852, 0.2958)
contains.

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Color

Yxy(48.5150, 0.2856, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	AFB9D3
RGB	175, 185, 211
RGB Percent	69%, 73%, 83%
CMY	0.3136, 0.2745, 0.1725
CMYK	0.17, 0.12, 0.00, 0.17
HSL	223°, 29%, 76%
HSV	223°, 17%, 83%
XYZ	46.7946, 48.5150, 68.5371
YIQ	184.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

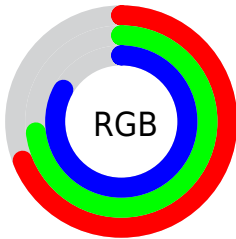
Format	Color
R _Y B	175, 183, 211
Decimal	11516371
CIE Lab	75.15, 1.93, -14.25
CIE LCh	75, 14.380, 277.709
Yxy	48.5150, 0.2856, 0.2961
Android (android.graphics.Color)	4289706451 (0xFFAFB9D3)
YUV	184.9740, 12.8308, -8.7472
Hunter-Lab	69.6527, -1.9710, -9.5834

Details

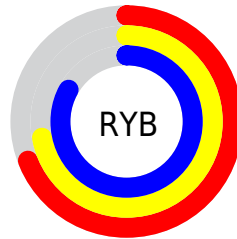
The Yxy color `48.5150, 0.2856, 0.2961` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `58.7549, 0.3400, 0.3599`, and the grayscale version is `48.4386, 0.3127, 0.3290`.

A 20% lighter version of the original color is `87.1195, 0.2981, 0.3149`, and `23.0404, 0.2783, 0.2878` is the 20% darker color. If you saturate the color by 10%, you get `40.2142, 0.2681, 0.2737`, and if you desaturate by 10%, it is `57.8873, 0.3020, 0.3162`.

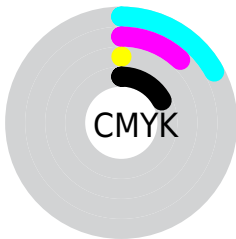
Distribution



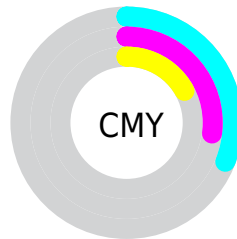
- Red (69%)
- Green (73%)
- Blue (83%)



- Red (69%)
- Yellow (72%)
- Blue (83%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5150, 0.2856, 0.2961 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 48.5150, 0.2856, 0.2961 by changing the saturation by 10% instead.

■ 48.5150, 0.2856,
0.2961

■ 48.5150, 0.2856,
0.2961

380.8298, 0.2990,
0.3123

■ 34.2349, 0.2823,
0.2922

■ 87.9707, 0.2904,
0.3019

■ 23.0741, 0.2781,
0.2871

113.9151, 0.2923,
0.3041

■ 14.6482, 0.2726,
0.2806

144.5164, 0.2938,
0.3060

■ 8.5729, 0.2650,
0.2716

180.1589, 0.2951,
0.3076

■ 4.4637, 0.2539,
0.2586

221.2271, 0.2963,
0.3090

■ 1.9362, 0.2363,
0.2382

268.1054, 0.2973,

■ 0.5700, 0.2007,

0.3102

0.1943

321.1782, 0.2982,
0.3113

0.0000, 0.0000,
0.0000

48.5150, 0.2856,
0.2961

48.5150, 0.2856,
0.2961

40.2142, 0.2681,
0.2737

57.8873, 0.3020,
0.3162

32.9397, 0.2498,
0.2491

68.3623, 0.3170,
0.3340

26.6517, 0.2313,
0.2228

79.9771, 0.3308,
0.3497

21.3055, 0.2130,
0.1953

91.9116, 0.3402,
0.3637

16.8526, 0.1961,
0.1679

97.4841, 0.3388,
0.3720

■ 13.2399, 0.1813,
0.1416

■ 10.4075, 0.1695,
0.1180

■ 8.2830, 0.1612,
0.0981

■ 7.7652, 0.1592,
0.0930

Harmonies

Analogous

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



48.5150, 0.2761, 0.3029



48.5150, 0.2856, 0.2961



48.5150, 0.3024, 0.2977

Triad

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



48.5150, 0.2856, 0.2961



48.5150, 0.3508, 0.3388



48.5150, 0.3022, 0.3525

Complementary

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



48.5150, 0.2856, 0.2961



58.7549, 0.3400, 0.3599

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.



48.5150, 0.3221, 0.3627



48.5150, 0.2856, 0.2961



48.5150, 0.3506, 0.3539

Square

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



48.5150, 0.2856, 0.2961



48.5150, 0.3404, 0.3219



48.5150, 0.3399, 0.3629



48.5150, 0.2855, 0.3356

Rectangle

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



48.5150, 0.2856, 0.2961



48.5150, 0.3158, 0.3032



48.5150, 0.3399, 0.3629



48.5150, 0.3087, 0.3569

Sweetspot

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



48.5170, 0.2856, 0.2961



91.9165, 0.3051, 0.3199



59.9253, 0.2936, 0.3416



19.4383, 0.3040, 0.3186



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.



48.5170, 0.2856, 0.2961



70.2528, 0.2802, 0.2892



45.4284, 0.2912, 0.2840



11.9422, 0.2982, 0.3117



4.8344, 0.1599, 0.0955



0.4046, 0.1701, 0.1324

Inverse Universe

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



48.0308, 0.3365, 0.3171



69.5130, 0.3419, 0.3148



62.4223, 0.3320, 0.3719



11.8612, 0.3248, 0.3226



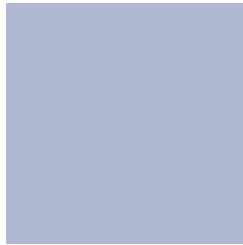
8.5593, 0.5827, 0.2984



0.4921, 0.5293, 0.2690

Previews

White Background



This preview shows how the Yxy color 48.5150, 0.2856, 0.2961 looks on a white background.

Color Contrast Check

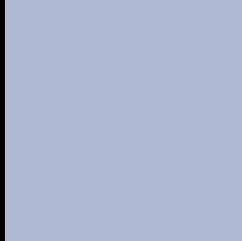
Large Text (above 18pt) WCAG AA × Fail

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 48.5150, 0.2856, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

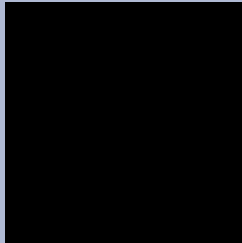
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5150, 0.2856, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 48.5150, 0.2856, 0.2961.



This preview shows how white text looks on a background with the Yxy color 48.5150, 0.2856, 0.2961.

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

48.5150, 0.2856, 0.2961

Protanopia

48.3439, 0.2908, 0.2952

Deuteranopia

48.3431, 0.2964, 0.2898



Tritanopia

48.6419, 0.2912, 0.3109

Trichromacy



Original Color

48.5150, 0.2856, 0.2961

Protanomaly

48.5178, 0.2893, 0.2963

Deuteranomaly

48.5237, 0.2925, 0.2919

Tritanomaly

48.5243, 0.2891, 0.3047

Monochromacy



Original Color

48.5150, 0.2856, 0.2961

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4167, 0.3026, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5150, 0.2856, 0.2961 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(175, 185, 211)` looks like.

```
.text, #text, p{  
    color:rgb(175, 185, 211)  
}
```

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(175, 185, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 185, 211) }
```

Border

The CSS property to change the border of an element to Yxy 48.5150, 0.2856, 0.2961 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(175, 185, 211) }
```

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

```
.border{ border-color:rgb(175, 185, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 185, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 185, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 185, 211);  
box-shadow:4px 4px 4px 4px rgb(175, 185,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5150, 0.2856, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 185, 211) }
```

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

```
.background{ background-color: rgb(175,  
185, 211) }
```

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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