

Converting Colors

$Yxy(43.9076, 0.2735, 0.2858)$

Have a look what the booklet for
Yxy(43.9076, 0.2735, 0.2858)
contains.

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Color

Yxy(43.9149, 0.2730, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	9FB2D3
RGB	159, 178, 211
RGB Percent	62%, 70%, 83%
CMY	0.3763, 0.3020, 0.1727
CMYK	0.25, 0.16, 0.00, 0.17
HSL	218°, 37%, 73%
HSV	218°, 25%, 83%
XYZ	41.9775, 43.9149, 67.8713
YIQ	176.0810, -21.9170, 6.2350

Conversions

Conversions Part 2

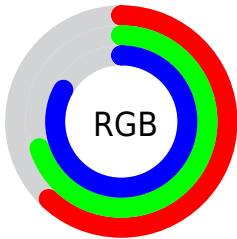
Format	Color
R_{YB}	159, 173, 211
Decimal	10466003
CIE _{Lab}	72.17, 0.72, -18.83
CIE _{LCh}	72, 18.840, 272.190
Yxy	43.9149, 0.2730, 0.2856
Android (android.graphics.Color)	4288656083 (0xFF9FB2D3)
YUV	176.0810, 17.2151, -14.9800
Hunter-Lab	66.2683, -2.8992, -14.3363

Details

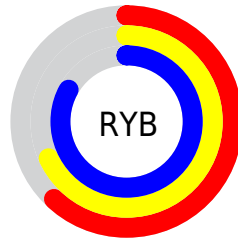
The Yxy color $43.9149, 0.2730, 0.2856$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $54.0484, 0.3547, 0.3689$, and the grayscale version is $43.3804, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3618, 0.2873, 0.3071$, and $20.1933, 0.2624, 0.2732$ is the 20% darker color. If you saturate the color by 10%, you get $36.8685, 0.2556, 0.2646$, and if you desaturate by 10%, it is $51.8533, 0.2898, 0.3047$.

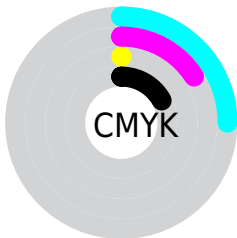
Distribution



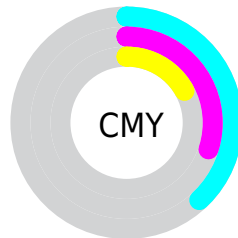
- Red (62%)
- Green (70%)
- Blue (83%)



- Red (62%)
- Yellow (68%)
- Blue (83%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)





- Cyan (38%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9149, 0.2730, 0.2856 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 43.9149, 0.2730, 0.2856 by changing the saturation by 10% instead.


 43.9149, 0.2730,
0.2856

 43.9149, 0.2730,
0.2856


362.3609, 0.2929,
0.3072

 30.6036, 0.2681,
0.2802


 81.0897, 0.2802,
0.2934

 20.2972, 0.2618,
0.2734


 105.7219, 0.2829,
0.2964

 12.6113, 0.2534,
0.2643


134.8967, 0.2852,
0.2989

 7.1614, 0.2419,
0.2519

168.9982, 0.2872,
0.3010

 3.5633, 0.2251,
0.2337

208.4111, 0.2889,
0.3029

 1.4324, 0.1984,
0.2051

253.5195, 0.2904,

 0.2404, 0.1117,

0.3045

0.1091

304.7080, 0.2917,
0.3060

0.0000, 0.0000,
0.0000

43.9149, 0.2730,
0.2856

43.9149, 0.2730,
0.2856

36.8685, 0.2556,
0.2646

51.8533, 0.2898,
0.3047

30.6752, 0.2380,
0.2419

60.7099, 0.3057,
0.3218

25.3009, 0.2207,
0.2180

70.5165, 0.3206,
0.3369

20.7070, 0.2045,
0.1934

81.3015, 0.3343,
0.3503

16.8511, 0.1901,
0.1691

91.2424, 0.3404,
0.3627

■ 13.6856, 0.1781,
0.1460

■ 97.4816, 0.3388,
0.3721

■ 11.1557, 0.1691,
0.1251

■ 10.0163, 0.1653,
0.1149

Harmonies

Analogous

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



43.9149, 0.2626, 0.2964



43.9149, 0.2730, 0.2856



43.9149, 0.2940, 0.2860

Triad

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



43.9149, 0.2730, 0.2856



43.9149, 0.3630, 0.3376



43.9149, 0.3031, 0.3648

Complementary

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



43.9149, 0.2730, 0.2856



54.0484, 0.3547, 0.3689

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.



43.9149, 0.3300, 0.3762



43.9149, 0.2730, 0.2856



43.9149, 0.3653, 0.3589

Square

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



43.9149, 0.2730, 0.2856



43.9149, 0.3464, 0.3152



43.9149, 0.3530, 0.3735



43.9149, 0.2794, 0.3424

Rectangle

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



43.9149, 0.2730, 0.2856



43.9149, 0.3116, 0.2921



43.9149, 0.3530, 0.3735



43.9149, 0.3120, 0.3701

Sweetspot

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



43.9167, 0.2730, 0.2856



89.7528, 0.3019, 0.3177



57.7501, 0.2883, 0.3536



19.0290, 0.3009, 0.3167



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.



43.9167, 0.2730, 0.2856



61.0986, 0.2631, 0.2739



37.6111, 0.2764, 0.2607



12.1146, 0.2982, 0.3138



6.2258, 0.1660, 0.1176



0.4976, 0.1764, 0.1550

Inverse Universe

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



41.8659, 0.3455, 0.3059



57.7777, 0.3557, 0.3002



61.9214, 0.3441, 0.3912



11.8786, 0.3234, 0.3205



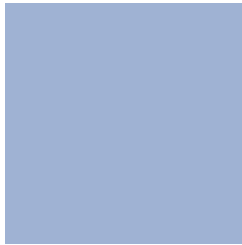
8.6998, 0.5501, 0.2804



0.5015, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 43.9149, 0.2730, 0.2856 looks on a white background.

Color Contrast Check

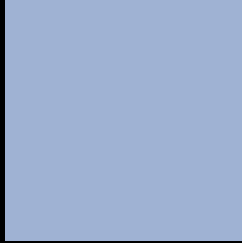
Large Text (above 18pt) WCAG AA × Fail

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 43.9149, 0.2730, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

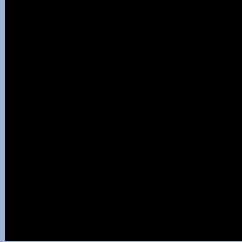
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

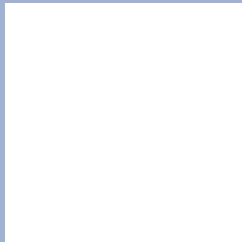
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9149, 0.2730, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 43.9149, 0.2730, 0.2856.



This preview shows how white text looks on a background with the Yxy color 43.9149, 0.2730, 0.2856.

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

43.9149, 0.2730, 0.2856

Protanopia

43.8094, 0.2824, 0.2850

Deuteranopia

43.8707, 0.2849, 0.2794



Tritanopia

44.0558, 0.2820, 0.3099

Trichromacy



Original Color

43.9149, 0.2730, 0.2856

Protanomaly

43.8108, 0.2787, 0.2847

Deuteranomaly

43.9595, 0.2803, 0.2814

Tritanomaly

44.0277, 0.2785, 0.3007

Monochromacy



Original Color

43.9149, 0.2730, 0.2856

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6645, 0.2973, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9149, 0.2730, 0.2856 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(159, 178, 211)` looks like.

```
.text, #text, p{  
    color:rgb(159, 178, 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(159, 178, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 178, 211) }
```

Border

The CSS property to change the border of an element to Yxy 43.9149, 0.2730, 0.2856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

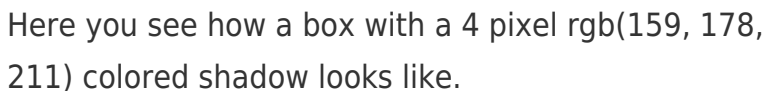
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 178, 211) }
```

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

```
.border{ border-color:rgb(159, 178, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 178, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 178, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 178, 211); box-shadow:4px 4px 4px 4px rgb(159, 178, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9149, 0.2730, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 178, 211) }
```

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

```
.background{ background-color: rgb(159,  
178, 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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