

Converting Colors

$Y_{xy}(48.3139, 0.2732, 0.2950)$

Have a look what the booklet for
Yxy(48.3139, 0.2732, 0.2950)
contains.

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Color

Yxy(48.3985, 0.2736, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	A1BCD6
RGB	161, 188, 214
RGB Percent	63%, 74%, 84%
CMY	0.3685, 0.2628, 0.1607
CMYK	0.25, 0.12, 0.00, 0.16
HSL	209°, 39%, 74%
HSV	209°, 25%, 84%
XYZ	44.8268, 48.3985, 70.6153
YIQ	182.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

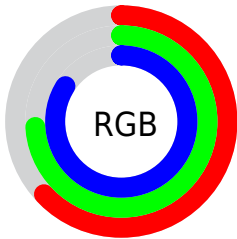
Format	Color
R _Y B	161, 179, 214
Decimal	10599638
CIE Lab	75.08, -3.37, -16.09
CIE LCh	75, 16.440, 258.172
Yxy	48.3985, 0.2736, 0.2954
Android (android.graphics.Color)	4288789718 (0xFFA1BCD6)
YUV	182.8910, 15.3367, -19.1984
Hunter-Lab	69.5690, -6.7294, -11.4833

Details

The Yxy color **48.3985, 0.2736, 0.2954** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.4469, 0.3571, 0.3604**, and the grayscale version is **47.2204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6731, 0.2896, 0.3176**, and **23.0193, 0.2630, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **42.0329, 0.2573, 0.2794**, and if you desaturate by 10%, it is **55.4761, 0.2898, 0.3100**.

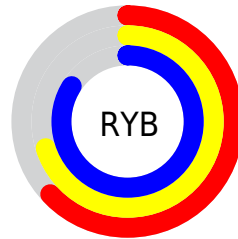
Distribution



Red (63%)

Green (74%)

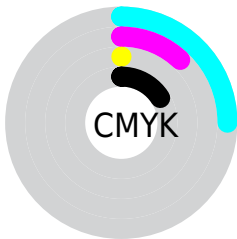
Blue (84%)



Red (63%)

Yellow (70%)

Blue (84%)

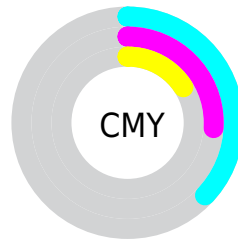


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (16%)



Cyan (37%)

Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3985, 0.2736, 0.2954 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 48.3985, 0.2736, 0.2954 by changing the saturation by 10% instead.

■ 48.3985, 0.2736,
0.2954

■ 48.3985, 0.2736,
0.2954

■ 380.3695, 0.2928,
0.3121

■ 34.1426, 0.2689,
0.2913

■ 87.7974, 0.2805,
0.3014

■ 23.0031, 0.2630,
0.2860

■ 113.7092, 0.2831,
0.3037

■ 14.5958, 0.2552,
0.2791

■ 144.2751, 0.2853,
0.3056

■ 8.5362, 0.2447,
0.2696

■ 179.8795, 0.2872,
0.3073

■ 4.4399, 0.2295,
0.2558

■ 220.9067, 0.2889,
0.3087

■ 1.9226, 0.2060,
0.2339

■ 267.7412, 0.2904,

■ 0.5619, 0.1519,

0.3100

0.1889

320.7673, 0.2917,
0.3111

0.0000, 0.0000,
0.0000

48.3985, 0.2736,
0.2954

48.3985, 0.2736,
0.2954

42.0329, 0.2573,
0.2794

55.4761, 0.2898,
0.3100

36.3470, 0.2412,
0.2621

63.2844, 0.3055,
0.3232

31.3146, 0.2258,
0.2437

71.8489, 0.3205,
0.3350

26.9051, 0.2117,
0.2247

81.1917, 0.3348,
0.3454

23.0845, 0.1992,
0.2054

88.7740, 0.3391,
0.3554

■ 19.8144, 0.1889,
0.1864

■ 95.1658, 0.3375,
0.3654

■ 17.0496, 0.1810,
0.1682

■ 97.6365, 0.3369,
0.3690

■ 15.7655, 0.1775,
0.1591

Harmonies

Analogous

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



48.3985, 0.2697, 0.3089



48.3985, 0.2736, 0.2954



48.3985, 0.2877, 0.2911

Triad

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



48.3985, 0.2736, 0.2954



48.3985, 0.3499, 0.3274



48.3985, 0.3154, 0.3649

Complementary

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



48.3985, 0.2736, 0.2954



52.4469, 0.3571, 0.3604

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.



48.3985, 0.3373, 0.3692



48.3985, 0.2736, 0.2954



48.3985, 0.3577, 0.3465

Square

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



48.3985, 0.2736, 0.2954



48.3985, 0.3317, 0.3093



48.3985, 0.3530, 0.3620



48.3985, 0.2933, 0.3498

Rectangle

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



48.3985, 0.2736, 0.2954



48.3985, 0.3012, 0.2935



48.3985, 0.3530, 0.3620



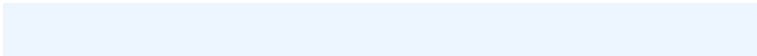
48.3985, 0.3230, 0.3676

Sweetspot

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



48.4005, 0.2736, 0.2954



91.3016, 0.3019, 0.3203



59.2611, 0.2931, 0.3642



19.3874, 0.3009, 0.3195



0.0000, 0.0000, 0.0000



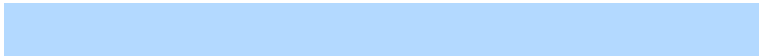
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4005, 0.2736, 0.2954



66.5829, 0.2646, 0.2867



38.2505, 0.2706, 0.2603



13.0425, 0.2982, 0.3173



9.7355, 0.1782, 0.1616



0.7527, 0.1868, 0.1926

Inverse Universe

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



43.4339, 0.3387, 0.2968



58.3314, 0.3463, 0.2892



64.5361, 0.3501, 0.3895



12.5252, 0.3212, 0.3172



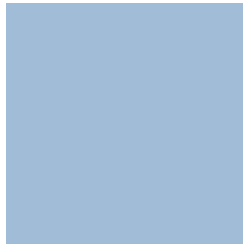
9.3277, 0.4911, 0.2479



0.5793, 0.4538, 0.2274

Previews

White Background



This preview shows how the Yxy color 48.3985, 0.2736, 0.2954 looks on a white background.

Color Contrast Check

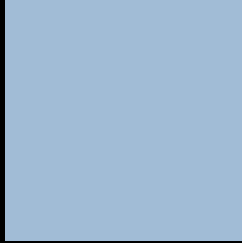
Large Text (above 18pt) WCAG AA × Fail

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 48.3985, 0.2736, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

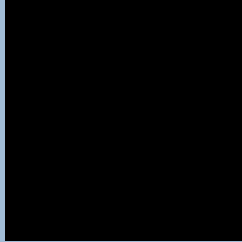
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

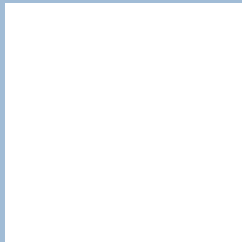
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3985, 0.2736, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 48.3985, 0.2736, 0.2954.



This preview shows how white text looks on a background with the Yxy color 48.3985, 0.2736, 0.2954.

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

48.3985, 0.2736, 0.2954

Protanopia

48.2734, 0.2893, 0.2939

Deuteranopia

48.1652, 0.2911, 0.2849



Tritanopia

48.6056, 0.2782, 0.3093

Trichromacy



Original Color

48.3985, 0.2736, 0.2954

Protanomaly

48.3356, 0.2834, 0.2948

Deuteranomaly

48.2382, 0.2850, 0.2890

Tritanomaly

48.4228, 0.2769, 0.3042

Monochromacy



Original Color

48.3985, 0.2736, 0.2954

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.7069, 0.2977, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3985, 0.2736, 0.2954 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(161, 188, 214)` looks like.

```
.text, #text, p{  
    color:rgb(161, 188, 214)  
}
```

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(161, 188, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 188, 214) }
```

Border

The CSS property to change the border of an element to Yxy 48.3985, 0.2736, 0.2954 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(161, 188, 214) }
```

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

```
.border{ border-color:rgb(161, 188, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 188, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 188, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 188, 214);  
box-shadow:4px 4px 4px 4px rgb(161, 188,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3985, 0.2736, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 188, 214) }
```

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

```
.background{ background-color: rgb(161,  
188, 214) }
```

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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