

Converting Colors

$Yxy(47.8008, 0.2794, 0.3053)$

Have a look what the booklet for
Yxy(47.8008, 0.2794, 0.3053)
contains.

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Color

Yxy(47.5739, 0.2787, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	A1BBCE
RGB	161, 187, 206
RGB Percent	63%, 73%, 81%
CMY	0.3688, 0.2666, 0.1922
CMYK	0.22, 0.09, 0.00, 0.19
HSL	205°, 31%, 72%
HSV	205°, 22%, 81%
XYZ	43.6003, 47.5739, 65.2674
YIQ	181.3920, -21.5950, 0.3970

Conversions

Conversions Part 2

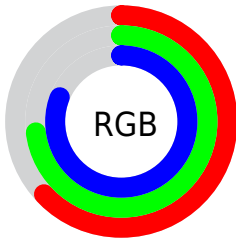
Format	Color
RYB	161, 177, 206
Decimal	10599374
CIELab	74.56, -4.71, -12.50
CIElCh	75, 13.361, 249.357
Yxy	47.5739, 0.2787, 0.3041
Android (android.graphics.Color)	4288789454 (0xFFA1BBCE)
YUV	181.3920, 12.1317, -17.8838
Hunter-Lab	68.9738, -7.8694, -7.8223

Details

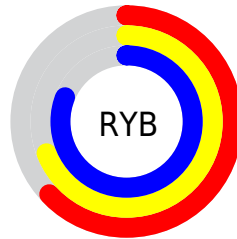
The Yxy color **47.5739, 0.2787, 0.3041** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.3033, 0.3518, 0.3527**, and the grayscale version is **46.3700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9201, 0.2889, 0.3166**, and **22.5684, 0.2696, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **42.0383, 0.2629, 0.2909**, and if you desaturate by 10%, it is **53.6883, 0.2944, 0.3162**.

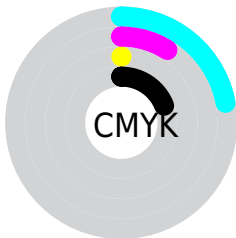
Distribution



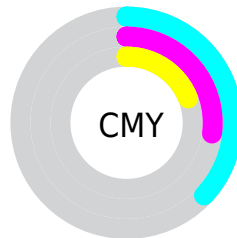
- Red (63%)
- Green (73%)
- Blue (81%)



- Red (63%)
- Yellow (69%)
- Blue (81%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (37%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5739, 0.2787, 0.3041 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 47.5739, 0.2787, 0.3041 by changing the saturation by 10% instead.

■ 47.5739, 0.2787,
0.3041

■ 47.5739, 0.2787,
0.3041

377.1007, 0.2955,
0.3166

■ 33.4896, 0.2746,
0.3010

■ 86.5696, 0.2847,
0.3086

■ 22.5018, 0.2694,
0.2970

■ 112.2499, 0.2870,
0.3103

■ 14.2260, 0.2625,
0.2917

142.5641, 0.2890,
0.3118

■ 8.2781, 0.2530,
0.2843

177.8969, 0.2906,
0.3130

■ 4.2734, 0.2393,
0.2733

218.6326, 0.2921,
0.3141

■ 1.8276, 0.2177,
0.2554

265.1555, 0.2934,

■ 0.5043, 0.1538,

0.3150

0.2129

317.8500, 0.2945,
0.3159

0.0000, 0.0000,
0.0000

47.5739, 0.2787,
0.3041

47.5739, 0.2787,
0.3041

42.0383, 0.2629,
0.2909

53.6883, 0.2944,
0.3162

37.0546, 0.2475,
0.2765

60.3957, 0.3099,
0.3271

32.6020, 0.2327,
0.2613

67.7167, 0.3248,
0.3369

28.6560, 0.2192,
0.2453

75.6691, 0.3391,
0.3455

25.1892, 0.2072,
0.2289

82.5332, 0.3462,
0.3536

■ 22.1710, 0.1972,
0.2125

■ 87.4949, 0.3446,
0.3621

■ 19.5655, 0.1894,
0.1965

■ 92.7005, 0.3430,
0.3703

■ 17.7006, 0.1844,
0.1838

■ 97.2355, 0.3418,
0.3771

Harmonies

Analogous

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



47.5739, 0.2782, 0.3172



47.5739, 0.2787, 0.3041



47.5739, 0.2881, 0.2981

Triad

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



47.5739, 0.2787, 0.3041



47.5739, 0.3394, 0.3232



47.5739, 0.3205, 0.3602

Complementary

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



47.5739, 0.2787, 0.3041



48.3033, 0.3518, 0.3527

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.



47.5739, 0.3374, 0.3610



47.5739, 0.2787, 0.3041



47.5739, 0.3486, 0.3391

Square

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



47.5739, 0.2787, 0.3041



47.5739, 0.3229, 0.3091



47.5739, 0.3478, 0.3530



47.5739, 0.3019, 0.3502

Rectangle

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



47.5739, 0.2787, 0.3041



47.5739, 0.2982, 0.2985



47.5739, 0.3478, 0.3530



47.5739, 0.3266, 0.3615

Sweetspot

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



47.5758, 0.2787, 0.3041



92.0663, 0.3019, 0.3215



54.9920, 0.2973, 0.3636



19.5645, 0.3009, 0.3209



0.0000, 0.0000, 0.0000



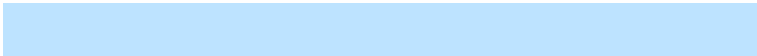
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5758, 0.2787, 0.3041



72.9778, 0.2716, 0.2983



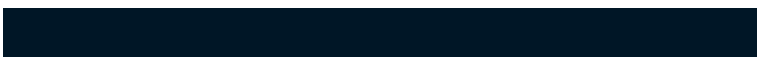
38.8329, 0.2765, 0.2737



11.9043, 0.2983, 0.3190



11.0968, 0.1850, 0.1860



0.7206, 0.1936, 0.2168

Inverse Universe

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



42.1825, 0.3321, 0.2970



63.0763, 0.3370, 0.2902



58.0421, 0.3463, 0.3789



11.3207, 0.3201, 0.3157



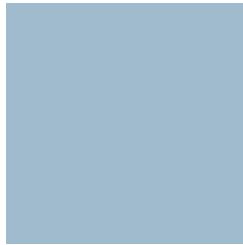
8.9232, 0.4614, 0.2315



0.4753, 0.4267, 0.2124

Previews

White Background



This preview shows how the Yxy color 47.5739, 0.2787, 0.3041 looks on a white background.

Color Contrast Check

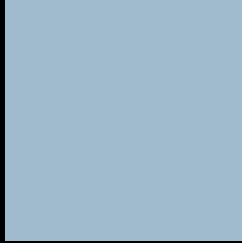
Large Text (above 18pt) WCAG AA × Fail

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 47.5739, 0.2787, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

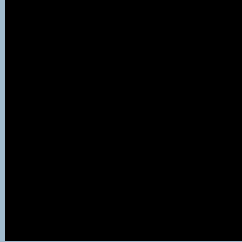
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

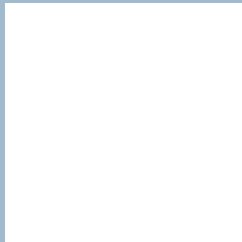
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5739, 0.2787, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 47.5739, 0.2787, 0.3041.



This preview shows how white text looks on a background with the Yxy color 47.5739, 0.2787, 0.3041.

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

47.5739, 0.2787, 0.3041

Protanopia

47.5915, 0.2959, 0.3024

Deuteranopia

47.2137, 0.2986, 0.2919



Tritanopia

47.7518, 0.2801, 0.3092

Trichromacy



Original Color

47.5739, 0.2787, 0.3041

Protanomaly

47.6393, 0.2897, 0.3033

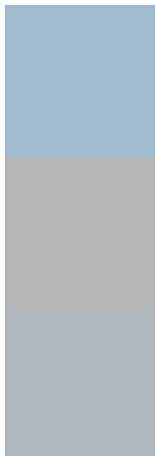
Deuteranomaly

47.1364, 0.2913, 0.2961

Tritanomaly

47.7997, 0.2794, 0.3079

Monochromacy



Original Color

47.5739, 0.2787, 0.3041

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5833, 0.2999, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5739, 0.2787, 0.3041 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, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(161, 187, 206)  
}
```

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, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 187, 206) }
```

Border

The CSS property to change the border of an element to Yxy 47.5739, 0.2787, 0.3041 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, 187, 206) }
```

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

```
.border{ border-color:rgb(161, 187, 206) }
```

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

Here you see how a box with a 4 pixel rgb(161, 187, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(161, 187,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5739, 0.2787, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 187, 206) }
```

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

```
.background{ background-color: rgb(161,  
187, 206) }
```

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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