

Converting Colors

$Yxy(48.3365, 0.2710, 0.2882)$

Have a look what the booklet for
Yxy(48.3365, 0.2710, 0.2882)
contains.

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Color

Yxy(48.3365, 0.2710, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	A2BBDB
RGB	162, 187, 219
RGB Percent	64%, 73%, 86%
CMY	0.3647, 0.2666, 0.1413
CMYK	0.26, 0.15, 0.00, 0.14
HSL	214°, 44%, 75%
HSV	214°, 26%, 86%
XYZ	45.4517, 48.3365, 73.9304
YIQ	183.1730, -25.1720, 4.6520

Conversions

Conversions Part 2

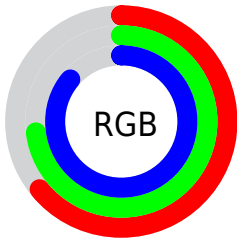
Format	Color
RYB	162, 179, 219
Decimal	10664923
CIELab	75.04, -1.40, -18.83
CIELCh	75, 18.878, 265.741
Yxy	48.3365, 0.2710, 0.2882
Android (android.graphics.Color)	4288855003 (0xFFA2BBDB)
YUV	183.1730, 17.6627, -18.5687
Hunter-Lab	69.5245, -4.9731, -14.3802

Details

The Yxy color **48.3365, 0.2710, 0.2882** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.2252, 0.3587, 0.3666**, and the grayscale version is **47.3648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2266, 0.2901, 0.3166**, and **22.9817, 0.2596, 0.2771** is the 20% darker color. If you saturate the color by 10%, you get **41.2509, 0.2541, 0.2695**, and if you desaturate by 10%, it is **56.2710, 0.2876, 0.3052**.

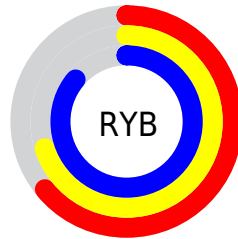
Distribution



Red (64%)

Green (73%)

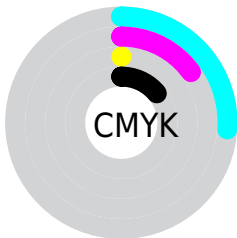
Blue (86%)



Red (64%)

Yellow (70%)

Blue (86%)

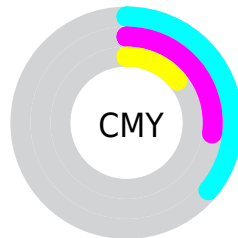


Cyan (26%)

Magenta (15%)

Yellow (0%)

Black (14%)



Cyan (36%)

Magenta (27%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3365, 0.2710, 0.2882 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 48.3365, 0.2710, 0.2882 by changing the saturation by 10% instead.

■ 48.3365, 0.2710,
0.2882

■ 48.3365, 0.2710,
0.2882

■ 380.1244, 0.2915,
0.3083

■ 34.0934, 0.2660,
0.2833

■ 87.7052, 0.2783,
0.2954

■ 22.9654, 0.2597,
0.2770

■ 113.5996, 0.2811,
0.2982

■ 14.5680, 0.2515,
0.2689

■ 144.1467, 0.2835,
0.3005

■ 8.5167, 0.2403,
0.2577

■ 179.7307, 0.2855,
0.3025

■ 4.4273, 0.2243,
0.2417

■ 220.7361, 0.2873,
0.3042

■ 1.9154, 0.1997,
0.2169

■ 267.5472, 0.2889,

■ 0.5576, 0.1489,

0.3058

0.1675

320.5485, 0.2902,
0.3071

0.0000, 0.0000,
0.0000

48.3365, 0.2710,
0.2882

48.3365, 0.2710,
0.2882

41.2509, 0.2541,
0.2695

56.2710, 0.2876,
0.3052

34.9765, 0.2373,
0.2494

65.0784, 0.3035,
0.3206

29.4812, 0.2211,
0.2281

74.7891, 0.3186,
0.3342

24.7281, 0.2061,
0.2062

85.4298, 0.3328,
0.3463

20.6762, 0.1929,
0.1843

93.7665, 0.3349,
0.3579

■ 17.2796, 0.1821,
0.1632

■ 97.8929, 0.3340,
0.3641

■ 14.4836, 0.1739,
0.1435

■ 13.5060, 0.1712,
0.1362

Harmonies

Analogous

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



48.3365, 0.2635, 0.3010



48.3365, 0.2710, 0.2882



48.3365, 0.2895, 0.2862

Triad

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



48.3365, 0.2710, 0.2882



48.3365, 0.3591, 0.3326



48.3365, 0.3090, 0.3671

Complementary

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



48.3365, 0.2710, 0.2882



56.2252, 0.3587, 0.3666

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.



48.3365, 0.3349, 0.3754



48.3365, 0.2710, 0.2882



48.3365, 0.3645, 0.3540

Square

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



48.3365, 0.2710, 0.2882



48.3365, 0.3406, 0.3113



48.3365, 0.3554, 0.3700



48.3365, 0.2848, 0.3472

Rectangle

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



48.3365, 0.2710, 0.2882



48.3365, 0.3060, 0.2908



48.3365, 0.3554, 0.3700



48.3365, 0.3178, 0.3714

Sweetspot

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



48.3384, 0.2710, 0.2882



89.2496, 0.3003, 0.3176



62.1926, 0.2899, 0.3614



18.6902, 0.2979, 0.3153



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.



48.3384, 0.2710, 0.2882



62.8645, 0.2622, 0.2786



38.9327, 0.2701, 0.2554



13.5533, 0.2982, 0.3155



8.2208, 0.1719, 0.1389



0.7023, 0.1807, 0.1706

Inverse Universe

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



44.4812, 0.3441, 0.2996



56.9772, 0.3525, 0.2933



67.8728, 0.3496, 0.3942



13.1460, 0.3223, 0.3188



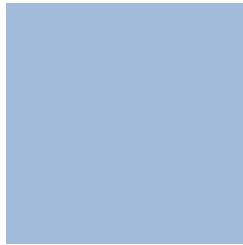
9.4537, 0.5206, 0.2641



0.6296, 0.4799, 0.2418

Previews

White Background



This preview shows how the Yxy color 48.3365, 0.2710, 0.2882 looks on a white background.

Color Contrast Check

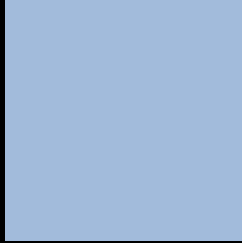
Large Text (above 18pt) WCAG AA × Fail

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 48.3365, 0.2710, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

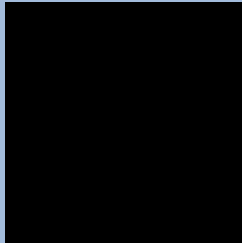
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

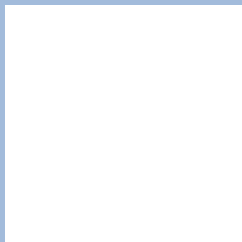
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3365, 0.2710, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 48.3365, 0.2710, 0.2882.



This preview shows how white text looks on a background with the Yxy color 48.3365, 0.2710, 0.2882.

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

48.3365, 0.2710, 0.2882

Protanopia

48.2898, 0.2843, 0.2879

Deuteranopia

48.1241, 0.2867, 0.2802



Tritanopia

48.1739, 0.2781, 0.3079

Trichromacy



Original Color

48.3365, 0.2710, 0.2882

Protanomaly

48.0614, 0.2792, 0.2874

Deuteranomaly

48.3814, 0.2808, 0.2831

Tritanomaly

48.0932, 0.2755, 0.3003

Monochromacy



Original Color

48.3365, 0.2710, 0.2882

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3805, 0.2962, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3365, 0.2710, 0.2882 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(162, 187, 219)` looks like.

```
.text, #text, p{  
    color:rgb(162, 187, 219)  
}
```

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(162, 187, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 187, 219) }
```

Border

The CSS property to change the border of an element to Yxy 48.3365, 0.2710, 0.2882 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(162, 187, 219) }
```

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

```
.border{ border-color:rgb(162, 187, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 187, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 187, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 187, 219);  
box-shadow:4px 4px 4px 4px rgb(162, 187,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3365, 0.2710, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 187, 219) }
```

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

```
.background{ background-color: rgb(162,  
187, 219) }
```

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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