

Converting Colors

$Yxy(41.5142, 0.2685, 0.2963)$

Have a look what the booklet for
Yxy(41.5142, 0.2685, 0.2963)
contains.

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Color

Yxy(41.5437, 0.2692, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	90B1C8
RGB	144, 177, 200
RGB Percent	56%, 69%, 78%
CMY	0.4351, 0.3059, 0.2157
CMYK	0.28, 0.12, 0.00, 0.22
HSL	205°, 34%, 67%
HSV	205°, 28%, 78%
XYZ	37.6551, 41.5437, 60.6790
YIQ	169.7550, -27.0510, 0.1570

Conversions

Conversions Part 2

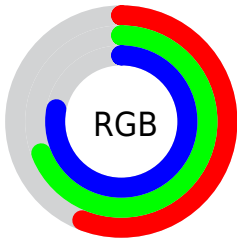
Format	Color
RYB	144, 165, 200
Decimal	9482696
CIELab	70.56, -5.86, -15.35
CIElCh	71, 16.431, 249.114
Yxy	41.5437, 0.2692, 0.2970
Android (android.graphics.Color)	4287672776 (0xFF90B1C8)
YUV	169.7550, 14.9108, -22.5871
Hunter-Lab	64.4544, -8.5132, -10.6990

Details

The Yxy color **41.5437, 0.2692, 0.2970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9535, 0.3652, 0.3589**, and the grayscale version is **40.0096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6399, 0.2782, 0.3054**, and **18.7659, 0.2566, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **36.7487, 0.2537, 0.2835**, and if you desaturate by 10%, it is **46.8569, 0.2849, 0.3095**.

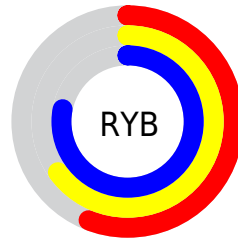
Distribution



Red (56%)

Green (69%)

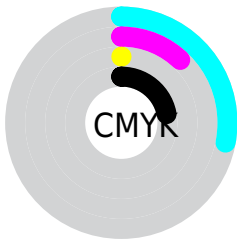
Blue (78%)



Red (56%)

Yellow (65%)

Blue (78%)

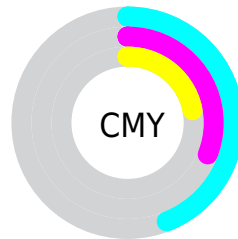


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5437, 0.2692, 0.2970 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 41.5437, 0.2692, 0.2970 by changing the saturation by 10% instead.

■ 41.5437, 0.2692,
0.2970

■ 41.5437, 0.2692,
0.2970

■ 352.5879, 0.2911,
0.3134

■ 28.7442, 0.2637,
0.2928

■ 77.5086, 0.2772,
0.3030

■ 18.8874, 0.2567,
0.2873

■ 101.4427, 0.2801,
0.3053

■ 11.5889, 0.2474,
0.2800

■ 129.8571, 0.2827,
0.3072

■ 6.4644, 0.2344,
0.2695

■ 163.1363, 0.2848,
0.3088

■ 3.1295, 0.2152,
0.2537

■ 201.6645, 0.2867,
0.3102

■ 1.1997, 0.1843,
0.2271

■ 245.8263, 0.2883,

■ 0.0615, 0.0000,

0.3114

0.0507

296.0059, 0.2898,
0.3125

0.0000, 0.0000,
0.0000

41.5437, 0.2692,
0.2970

41.5437, 0.2692,
0.2970

36.7487, 0.2537,
0.2835

46.8569, 0.2849,
0.3095

32.4467, 0.2388,
0.2689

52.7023, 0.3005,
0.3208

28.6175, 0.2248,
0.2537

59.0994, 0.3158,
0.3310

25.2370, 0.2124,
0.2379

66.0650, 0.3305,
0.3401

22.2785, 0.2017,
0.2219

73.6152, 0.3445,
0.3481

■ 19.7110, 0.1931,
0.2060

■ 80.0084, 0.3511,
0.3558

■ 17.4904, 0.1867,
0.1907

■ 84.5983, 0.3494,
0.3638

■ 17.0700, 0.1855,
0.1876

■ 89.4058, 0.3478,
0.3717

■ 94.4337, 0.3461,
0.3794

Harmonies

Analogous

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



41.5437, 0.2686, 0.3137



41.5437, 0.2692, 0.2970



41.5437, 0.2809, 0.2895

Triad

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



41.5437, 0.2692, 0.2970



41.5437, 0.3469, 0.3213



41.5437, 0.3227, 0.3695

Complementary

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



41.5437, 0.2692, 0.2970



41.9535, 0.3652, 0.3589

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.



41.5437, 0.3445, 0.3701



41.5437, 0.2692, 0.2970



41.5437, 0.3590, 0.3415

Square

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



41.5437, 0.2692, 0.2970



41.5437, 0.3256, 0.3035



41.5437, 0.3580, 0.3594



41.5437, 0.2989, 0.3567

Rectangle

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



41.5437, 0.2692, 0.2970



41.5437, 0.2938, 0.2901



41.5437, 0.3580, 0.3594



41.5437, 0.3305, 0.3711

Sweetspot

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



41.5454, 0.2692, 0.2970



91.0980, 0.3003, 0.3206



50.0126, 0.2939, 0.3761



19.1555, 0.2979, 0.3190



0.0000, 0.0000, 0.0000



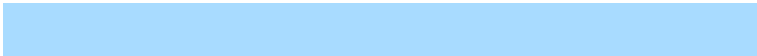
21.4041, 0.3127, 0.3290

Same Dimension

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



41.5454, 0.2692, 0.2970



66.4220, 0.2591, 0.2883



31.8028, 0.2652, 0.2572



11.3079, 0.2983, 0.3193



11.0334, 0.1860, 0.1897



0.6626, 0.1950, 0.2218

Inverse Universe

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



35.4148, 0.3383, 0.2870



54.5089, 0.3461, 0.2769



53.0602, 0.3563, 0.3919



10.7400, 0.3199, 0.3155



8.6538, 0.4571, 0.2292



0.4239, 0.4213, 0.2095

Previews

White Background



This preview shows how the Yxy color 41.5437, 0.2692, 0.2970 looks on a white background.

Color Contrast Check

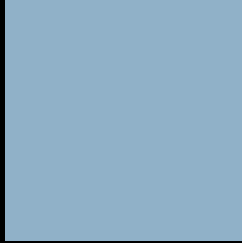
Large Text (above 18pt) WCAG AA × Fail

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 41.5437, 0.2692, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

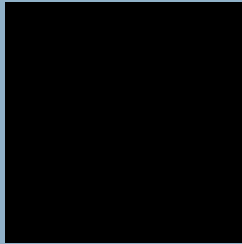
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

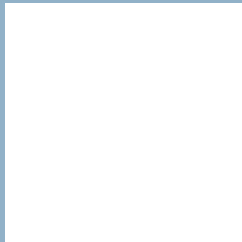
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5437, 0.2692, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 41.5437, 0.2692, 0.2970.



This preview shows how white text looks on a background with the Yxy color 41.5437, 0.2692, 0.2970.

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

41.5437, 0.2692, 0.2970

Protanopia

41.4362, 0.2901, 0.2956

Deuteranopia

41.3835, 0.2913, 0.2847



Tritanopia

41.3973, 0.2732, 0.3091

Trichromacy



Original Color

41.5437, 0.2692, 0.2970

Protanomaly

41.2893, 0.2822, 0.2963

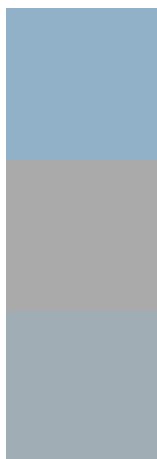
Deuteranomaly

41.2354, 0.2831, 0.2889

Tritanomaly

41.6206, 0.2719, 0.3051

Monochromacy



Original Color

41.5437, 0.2692, 0.2970

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8004, 0.2959, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5437, 0.2692, 0.2970 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(144, 177, 200)` looks like.

```
.text, #text, p{  
    color:rgb(144, 177, 200)  
}
```

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(144, 177, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 177, 200) }
```

Border

The CSS property to change the border of an element to Yxy 41.5437, 0.2692, 0.2970 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(144, 177, 200) }
```

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

```
.border{ border-color:rgb(144, 177, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 177, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 177, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 177, 200);  
box-shadow:4px 4px 4px 4px rgb(144, 177,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5437, 0.2692, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 177, 200) }
```

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

```
.background{ background-color: rgb(144,  
177, 200) }
```

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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