

Converting Colors

$Yxy(44.8335, 0.2677, 0.3061)$

Have a look what the booklet for
Yxy(44.8335, 0.2677, 0.3061)
contains.

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Color

Yxy(44.7130, 0.2677, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	8EB9CA
RGB	142, 185, 202
RGB Percent	56%, 73%, 79%
CMY	0.4430, 0.2745, 0.2079
CMYK	0.30, 0.08, 0.00, 0.21
HSL	197°, 36%, 67%
HSV	197°, 30%, 79%
XYZ	39.1678, 44.7130, 62.4314
YIQ	174.0810, -31.0850, -3.8290

Conversions

Conversions Part 2

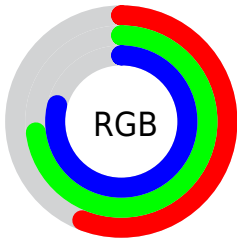
Format	Color
RYB	142, 167, 202
Decimal	9353674
CIELab	72.70, -10.26, -13.22
CIELCh	73, 16.734, 232.180
Yxy	44.7130, 0.2677, 0.3056
Android (android.graphics.Color)	4287543754 (0xFF8EB9CA)
YUV	174.0810, 13.7641, -28.1350
Hunter-Lab	66.8678, -12.4623, -8.5489

Details

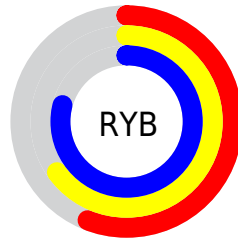
The Yxy color **44.7130, 0.2677, 0.3056** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3124, 0.3719, 0.3512**, and the grayscale version is **42.3152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0009, 0.2777, 0.3140**, and **20.8143, 0.2555, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **40.7400, 0.2534, 0.2964**, and if you desaturate by 10%, it is **49.1097, 0.2826, 0.3142**.

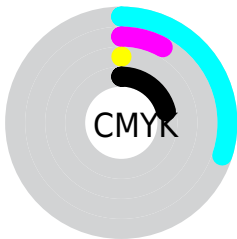
Distribution



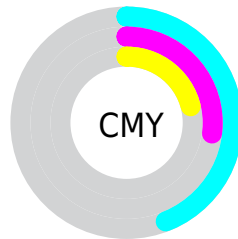
- Red (56%)
- Green (73%)
- Blue (79%)



- Red (56%)
- Yellow (65%)
- Blue (79%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (44%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7130, 0.2677, 0.3056 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 44.7130, 0.2677, 0.3056 by changing the saturation by 10% instead.

■ 44.7130, 0.2677,
0.3056

■ 44.7130, 0.2677,
0.3056

■ 365.6100, 0.2900,
0.3177

■ 31.2314, 0.2622,
0.3025

■ 82.2896, 0.2758,
0.3101

■ 20.7751, 0.2552,
0.2985

■ 107.1534, 0.2788,
0.3117

■ 12.9597, 0.2460,
0.2930

■ 136.5800, 0.2814,
0.3131

■ 7.4008, 0.2333,
0.2852

■ 170.9539, 0.2836,
0.3143

■ 3.7140, 0.2148,
0.2734

■ 210.6595, 0.2855,
0.3153

■ 1.5149, 0.1857,
0.2533

■ 256.0811, 0.2872,

■ 0.2992, 0.0210,

0.3162

0.1856

307.6031, 0.2887,
0.3170

0.0000, 0.0000,
0.0000

44.7130, 0.2677,
0.3056

44.7130, 0.2677,
0.3056

40.7400, 0.2534,
0.2964

49.1097, 0.2826,
0.3142

37.1668, 0.2401,
0.2865

53.9420, 0.2979,
0.3221

33.9748, 0.2282,
0.2763

59.2279, 0.3132,
0.3292

31.1416, 0.2179,
0.2657

64.9826, 0.3283,
0.3356

28.6418, 0.2095,
0.2550

71.2206, 0.3431,
0.3414

■ 26.4454, 0.2030,
0.2443

■ 76.3616, 0.3511,
0.3468

■ 24.4995, 0.1983,
0.2338

■ 79.4053, 0.3500,
0.3525

■ 24.4390, 0.1982,
0.2335

■ 82.5528, 0.3488,
0.3581

■ 85.8049, 0.3477,
0.3637

Harmonies

Analogous

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



44.7130, 0.2736, 0.3258



44.7130, 0.2677, 0.3056



44.7130, 0.2733, 0.2927

Triad

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



44.7130, 0.2677, 0.3056



44.7130, 0.3355, 0.3108



44.7130, 0.3356, 0.3711

Complementary

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



44.7130, 0.2677, 0.3056



39.3124, 0.3719, 0.3512

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.



44.7130, 0.3532, 0.3651



44.7130, 0.2677, 0.3056



44.7130, 0.3534, 0.3300

Square

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



44.7130, 0.2677, 0.3056



44.7130, 0.3118, 0.2963



44.7130, 0.3599, 0.3497



44.7130, 0.3122, 0.3651

Rectangle

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



44.7130, 0.2677, 0.3056



44.7130, 0.2829, 0.2895



44.7130, 0.3599, 0.3497



44.7130, 0.3424, 0.3704

Sweetspot

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



44.7148, 0.2677, 0.3056



91.8253, 0.2987, 0.3225



50.4909, 0.2975, 0.3897



19.3845, 0.2965, 0.3214



0.0000, 0.0000, 0.0000



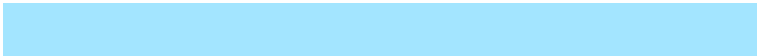
21.4041, 0.3127, 0.3290

Same Dimension

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



44.7148, 0.2677, 0.3056



71.0607, 0.2579, 0.2994



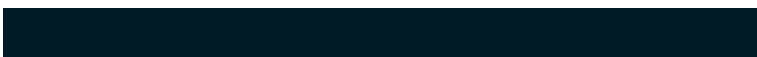
33.4692, 0.2630, 0.2624



12.1689, 0.2983, 0.3223



15.8871, 0.1986, 0.2349



0.9445, 0.2043, 0.2555

Inverse Universe

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



35.4143, 0.3325, 0.2752



53.1820, 0.3384, 0.2627



50.9010, 0.3614, 0.3878



11.3474, 0.3180, 0.3125



9.4068, 0.4075, 0.2019



0.4979, 0.3868, 0.1905

Previews

White Background



This preview shows how the Yxy color 44.7130, 0.2677, 0.3056 looks on a white background.

Color Contrast Check

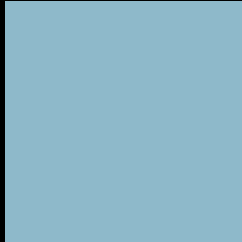
Large Text (above 18pt) WCAG AA × Fail

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 44.7130, 0.2677, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

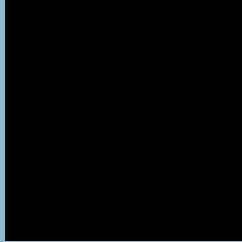
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

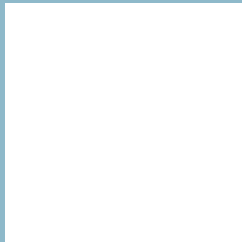
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7130, 0.2677, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 44.7130, 0.2677, 0.3056.



This preview shows how white text looks on a background with the Yxy color 44.7130, 0.2677, 0.3056.

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

44.7130, 0.2677, 0.3056

Protanopia

44.5895, 0.2954, 0.3029

Deuteranopia

44.3141, 0.2966, 0.2897



Tritanopia

44.6188, 0.2689, 0.3082

Trichromacy



Original Color

44.7130, 0.2677, 0.3056

Protanomaly

44.5526, 0.2844, 0.3037

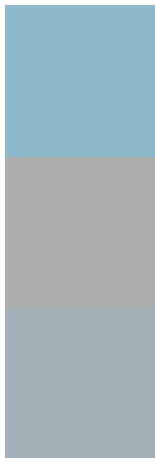
Deuteranomaly

44.0809, 0.2853, 0.2949

Tritanomaly

44.6658, 0.2683, 0.3069

Monochromacy



Original Color

44.7130, 0.2677, 0.3056

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9829, 0.2945, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7130, 0.2677, 0.3056 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(142, 185, 202)` looks like.

```
.text, #text, p{  
    color:rgb(142, 185, 202)  
}
```

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(142, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 185, 202) }
```

Border

The CSS property to change the border of an element to Yxy 44.7130, 0.2677, 0.3056 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(142, 185, 202) }
```

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

```
.border{ border-color:rgb(142, 185, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 185, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(142, 185,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7130, 0.2677, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 185, 202) }
```

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

```
.background{ background-color: rgb(142,  
185, 202) }
```

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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