

Converting Colors

$Yxy(44.4064, 0.2673, 0.3056)$

Have a look what the booklet for
Yxy(44.4064, 0.2673, 0.3056)
contains.

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Color

Yxy(44.5777, 0.2676, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	8DB9C9
RGB	141, 185, 201
RGB Percent	55%, 73%, 79%
CMY	0.4472, 0.2745, 0.2118
CMYK	0.30, 0.08, 0.00, 0.21
HSL	196°, 36%, 67%
HSV	196°, 30%, 79%
XYZ	38.8693, 44.5777, 61.8045
YIQ	173.6680, -31.3600, -4.3520

Conversions

Conversions Part 2

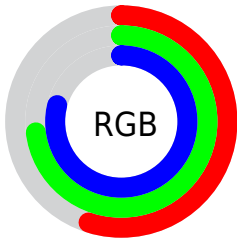
Format	Color
RYB	141, 166, 201
Decimal	9288137
CIELab	72.61, -10.82, -12.82
CIELCh	73, 16.773, 229.819
Yxy	44.5777, 0.2676, 0.3069
Android (android.graphics.Color)	4287478217 (0xFF8DB9C9)
YUV	173.6680, 13.4747, -28.6498
Hunter-Lab	66.7665, -12.9245, -8.1471

Details

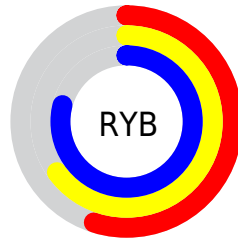
The Yxy color **44.5777, 0.2676, 0.3069** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4285, 0.3728, 0.3500**, and the grayscale version is **42.0867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8664, 0.2772, 0.3140**, and **20.7330, 0.2554, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **40.7793, 0.2535, 0.2982**, and if you desaturate by 10%, it is **48.7835, 0.2824, 0.3150**.

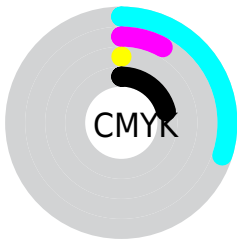
Distribution



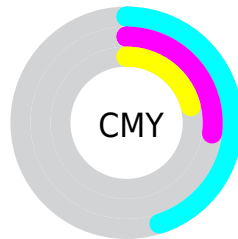
- Red (55%)
- Green (73%)
- Blue (79%)



- Red (55%)
- Yellow (65%)
- Blue (79%)



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



- Cyan (45%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5777, 0.2676, 0.3069 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 44.5777, 0.2676, 0.3069 by changing the saturation by 10% instead.

■ 44.5777, 0.2676,
0.3069

■ 44.5777, 0.2676,
0.3069

■ 365.0605, 0.2900,
0.3183

■ 31.1249, 0.2621,
0.3039

■ 82.0863, 0.2757,
0.3111

■ 20.6940, 0.2550,
0.3001

■ 106.9110, 0.2787,
0.3127

■ 12.9005, 0.2458,
0.2949

■ 136.2951, 0.2813,
0.3140

■ 7.3601, 0.2330,
0.2874

■ 170.6230, 0.2835,
0.3151

■ 3.6883, 0.2144,
0.2760

■ 210.2791, 0.2855,
0.3161

■ 1.5008, 0.1851,
0.2565

■ 255.6478, 0.2872,

■ 0.2893, 0.0070,

0.3169

0.1888

307.1134, 0.2886,
0.3177

■ 0.0000, 0.0000,
0.0000

■ 44.5777, 0.2676,
0.3069

■ 44.5777, 0.2676,
0.3069

■ 40.7793, 0.2535,
0.2982

■ 48.7835, 0.2824,
0.3150

■ 37.3647, 0.2404,
0.2890

■ 53.4083, 0.2976,
0.3224

■ 34.3159, 0.2287,
0.2795

■ 58.4697, 0.3129,
0.3291

■ 31.6108, 0.2187,
0.2696

■ 63.9825, 0.3281,
0.3351

■ 29.2245, 0.2106,
0.2596

■ 69.9609, 0.3429,
0.3405

■ 27.1275, 0.2045,
0.2497

■ 75.1544, 0.3523,
0.3456

■ 25.2661, 0.2000,
0.2398

■ 77.9579, 0.3512,
0.3509

■ 25.2418, 0.1999,
0.2397

■ 80.8516, 0.3501,
0.3562

■ 83.8363, 0.3490,
0.3614

Harmonies

Analogous

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



44.5777, 0.2744, 0.3276



44.5777, 0.2676, 0.3069



44.5777, 0.2723, 0.2933

Triad

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



44.5777, 0.2676, 0.3069



44.5777, 0.3338, 0.3094



44.5777, 0.3373, 0.3712

Complementary

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



44.5777, 0.2676, 0.3069



38.4285, 0.3728, 0.3500

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.



44.5777, 0.3543, 0.3642



44.5777, 0.2676, 0.3069



44.5777, 0.3525, 0.3284

Square

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



44.5777, 0.2676, 0.3069



44.5777, 0.3099, 0.2953



44.5777, 0.3600, 0.3483



44.5777, 0.3141, 0.3661

Rectangle

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



44.5777, 0.2676, 0.3069



44.5777, 0.2814, 0.2895



44.5777, 0.3600, 0.3483



44.5777, 0.3440, 0.3702

Sweetspot

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



44.5795, 0.2676, 0.3069



92.0697, 0.2988, 0.3229



49.8251, 0.2987, 0.3931



19.4449, 0.2965, 0.3218



0.0000, 0.0000, 0.0000



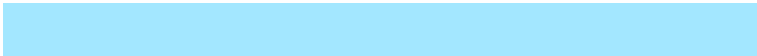
21.4041, 0.3127, 0.3290

Same Dimension

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



44.5795, 0.2676, 0.3069



71.9411, 0.2581, 0.3012



33.6415, 0.2630, 0.2648



11.5716, 0.2984, 0.3227



16.0305, 0.2003, 0.2411



0.8733, 0.2060, 0.2616

Inverse Universe

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



34.9571, 0.3316, 0.2737



53.2709, 0.3370, 0.2612



49.4466, 0.3624, 0.3858



10.7666, 0.3177, 0.3122



9.1583, 0.4012, 0.1984



0.4452, 0.3809, 0.1872

Previews

White Background



This preview shows how the Yxy color 44.5777, 0.2676, 0.3069 looks on a white background.

Color Contrast Check

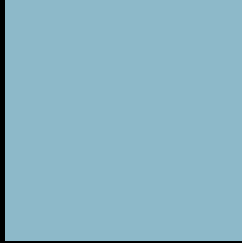
Large Text (above 18pt) WCAG AA × Fail

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 44.5777, 0.2676, 0.3069 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

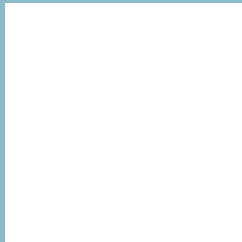
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5777, 0.2676, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 44.5777, 0.2676, 0.3069.



This preview shows how white text looks on a background with the Yxy color 44.5777, 0.2676, 0.3069.

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

44.5777, 0.2676, 0.3069

Protanopia

44.1502, 0.2961, 0.3028

Deuteranopia

44.2662, 0.2974, 0.2909



Tritanopia

44.5308, 0.2683, 0.3082

Trichromacy



Original Color

44.5777, 0.2676, 0.3069

Protanomaly

44.1039, 0.2851, 0.3036

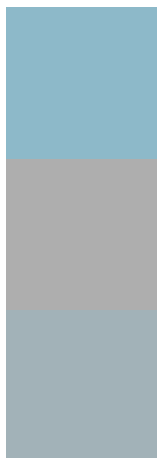
Deuteranomaly

44.0334, 0.2860, 0.2961

Tritanomaly

44.5308, 0.2683, 0.3082

Monochromacy



Original Color

44.5777, 0.2676, 0.3069

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 44.5777, 0.2676, 0.3069 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(141, 185, 201)` looks like.

```
.text, #text, p{  
    color:rgb(141, 185, 201)  
}
```

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(141, 185, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 185, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.5777, 0.2676, 0.3069 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(141, 185, 201) }
```

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

```
.border{ border-color:rgb(141, 185, 201) }
```

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

Here you see how a box with a 4 pixel rgb(141, 185, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 185, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 185, 201);  
box-shadow:4px 4px 4px 4px rgb(141, 185,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5777, 0.2676, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 185, 201) }
```

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

```
.background{ background-color: rgb(141,  
185, 201) }
```

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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