

Converting Colors

$Yxy(39.4925, 0.2638, 0.2899)$

Have a look what the booklet for
Yxy(39.4925, 0.2638, 0.2899)
contains.

Yxy(39.5075, 0.2636, 0.2895)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.5075, 0.2636, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	8AADC9
RGB	138, 173, 201
RGB Percent	54%, 68%, 79%
CMY	0.4586, 0.3216, 0.2118
CMYK	0.31, 0.14, 0.00, 0.21
HSL	207°, 37%, 66%
HSV	207°, 31%, 79%
XYZ	35.9730, 39.5075, 60.9876
YIQ	165.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

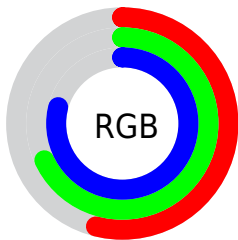
Format	Color
R _{YB}	138, 161, 201
Decimal	9088457
CIE Lab	69.12, -5.21, -18.11
CIE LCh	69, 18.844, 253.944
Yxy	39.5075, 0.2636, 0.2895
Android (android.graphics.Color)	4287278537 (0xFF8AADC9)
YUV	165.7270, 17.3896, -24.3166
Hunter-Lab	62.8550, -7.8377, -13.5300

Details

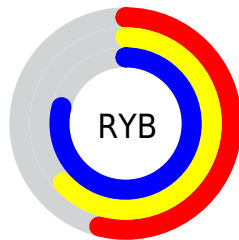
The Yxy color **39.5075, 0.2636, 0.2895** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.5466, 0.3722, 0.3653**, and the grayscale version is **37.9248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0443, 0.2743, 0.2996**, and **17.7598, 0.2495, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **34.6342, 0.2479, 0.2744**, and if you desaturate by 10%, it is **44.9308, 0.2795, 0.3034**.

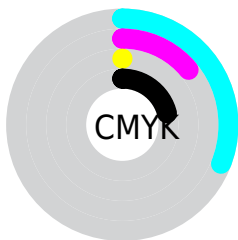
Distribution



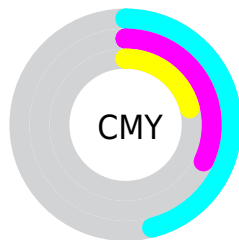
- Red (54%)
- Green (68%)
- Blue (79%)



- Red (54%)
- Yellow (63%)
- Blue (79%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5075, 0.2636, 0.2895 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 39.5075, 0.2636, 0.2895 by changing the saturation by 10% instead.

■ 39.5075, 0.2636,
0.2895

■ 39.5075, 0.2636,
0.2895

■ 344.0434, 0.2884,
0.3098

■ 27.1548, 0.2574,
0.2843

■ 74.4130, 0.2727,
0.2970

■ 17.6895, 0.2493,
0.2775

■ 97.7345, 0.2761,
0.2998

■ 10.7273, 0.2386,
0.2683

■ 125.4810, 0.2789,
0.3021

■ 5.8838, 0.2237,
0.2554

■ 158.0370, 0.2814,
0.3041

■ 2.7745, 0.2017,
0.2357

■ 195.7869, 0.2835,
0.3058

■ 1.0152, 0.1664,
0.2030

■ 239.1150, 0.2853,

■ 0.0000, 0.0000,

0.3073

0.0000

288.4057, 0.2870,
0.3087

■ 39.5075, 0.2636,
0.2895

■ 39.5075, 0.2636,
0.2895

■ 34.6342, 0.2479,
0.2744

■ 44.9308, 0.2795,
0.3034

■ 30.2841, 0.2329,
0.2583

■ 50.9200, 0.2953,
0.3161

■ 26.4352, 0.2189,
0.2414

■ 57.4958, 0.3107,
0.3276

■ 23.0611, 0.2065,
0.2241

■ 64.6765, 0.3256,
0.3378

■ 20.1324, 0.1960,
0.2068

■ 72.4795, 0.3397,
0.3468

■ 17.6149, 0.1878,
0.1899

■ 80.2228, 0.3503,
0.3550

■ 15.7121, 0.1821,
0.1757

■ 85.2323, 0.3485,
0.3638

■ 90.4995, 0.3468,
0.3723

■ 96.0280, 0.3451,
0.3806

Harmonies

Analogous

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



39.5075, 0.2608, 0.3072



39.5075, 0.2636, 0.2895



39.5075, 0.2790, 0.2829

Triad

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



39.5075, 0.2636, 0.2895



39.5075, 0.3559, 0.3236



39.5075, 0.3197, 0.3751

Complementary

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



39.5075, 0.2636, 0.2895



41.5466, 0.3722, 0.3653

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.



39.5075, 0.3460, 0.3779



39.5075, 0.2636, 0.2895



39.5075, 0.3677, 0.3469

Square

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



39.5075, 0.2636, 0.2895



39.5075, 0.3321, 0.3024



39.5075, 0.3639, 0.3670



39.5075, 0.2923, 0.3580

Rectangle

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



39.5075, 0.2636, 0.2895



39.5075, 0.2948, 0.2849



39.5075, 0.3639, 0.3670



39.5075, 0.3290, 0.3777

Sweetspot

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



39.5091, 0.2636, 0.2895



89.5618, 0.2987, 0.3188



49.9094, 0.2905, 0.3796



18.8258, 0.2964, 0.3170



0.0000, 0.0000, 0.0000



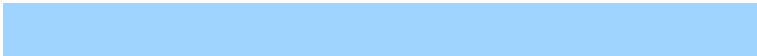
21.4041, 0.3127, 0.3290

Same Dimension

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



39.5091, 0.2636, 0.2895



61.5310, 0.2522, 0.2787



29.0436, 0.2583, 0.2440



11.2474, 0.2983, 0.3185



10.0643, 0.1828, 0.1780



0.6194, 0.1924, 0.2125

Inverse Universe

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



33.6253, 0.3445, 0.2844



50.4957, 0.3545, 0.2739



54.0973, 0.3610, 0.4018



10.7339, 0.3204, 0.3162



8.5560, 0.4709, 0.2368



0.4196, 0.4314, 0.2150

Previews

White Background



This preview shows how the Yxy color 39.5075, 0.2636, 0.2895 looks on a white background.

Color Contrast Check

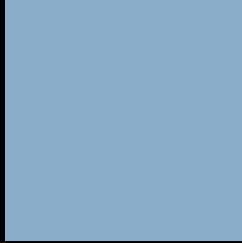
Large Text (above 18pt) WCAG AA × Fail

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 39.5075, 0.2636, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

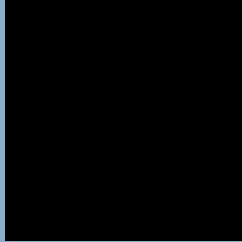
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

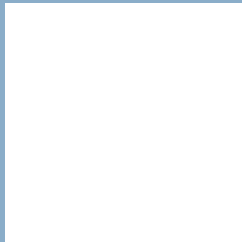
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5075, 0.2636, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 39.5075, 0.2636, 0.2895.



This preview shows how white text looks on a background with the Yxy color 39.5075, 0.2636, 0.2895.

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

39.5075, 0.2636, 0.2895

Protanopia

39.4552, 0.2850, 0.2883

Deuteranopia

39.5469, 0.2845, 0.2786



Tritanopia

39.4850, 0.2697, 0.3086

Trichromacy



Original Color

39.5075, 0.2636, 0.2895

Protanomaly

39.3232, 0.2771, 0.2890

Deuteranomaly

39.4376, 0.2765, 0.2828

Tritanomaly

39.3566, 0.2676, 0.3016

Monochromacy



Original Color

39.5075, 0.2636, 0.2895

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.6985, 0.2931, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5075, 0.2636, 0.2895 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(138, 173, 201)` looks like.

```
.text, #text, p{  
    color:rgb(138, 173, 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(138, 173, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 173, 201) }
```

Border

The CSS property to change the border of an element to Yxy 39.5075, 0.2636, 0.2895 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(138, 173, 201) }
```

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

```
.border{ border-color:rgb(138, 173, 201) }
```

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

Here you see how a box with a 4 pixel rgb(138, 173, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 173, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 173, 201);  
box-shadow:4px 4px 4px 4px rgb(138, 173,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5075, 0.2636, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 173, 201) }
```

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

```
.background{ background-color: rgb(138,  
173, 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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