

Converting Colors

$Yxy(43.6136, 0.2621, 0.3038)$

Have a look what the booklet for
Yxy(43.6136, 0.2621, 0.3038)
contains.

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Color

Yxy(43.6136, 0.2621, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	86B8CA
RGB	134, 184, 202
RGB Percent	53%, 72%, 79%
CMY	0.4747, 0.2784, 0.2078
CMYK	0.34, 0.09, 0.00, 0.21
HSL	196°, 39%, 66%
HSV	196°, 34%, 79%
XYZ	37.6271, 43.6136, 62.3195
YIQ	171.1020, -35.5780, -5.0020

Conversions

Conversions Part 2

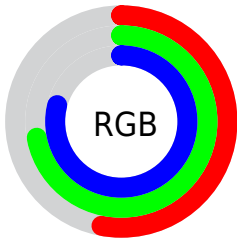
Format	Color
RYB	134, 163, 202
Decimal	8829130
CIELab	71.97, -12.05, -14.38
CIElCh	72, 18.761, 230.056
Yxy	43.6136, 0.2621, 0.3038
Android (android.graphics.Color)	4287019210 (0xFF86B8CA)
YUV	171.1020, 15.2327, -32.5385
Hunter-Lab	66.0406, -13.8693, -9.7209

Details

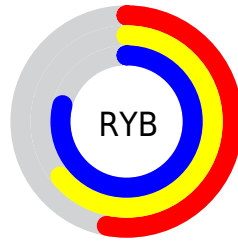
The Yxy color **43.6136, 0.2621, 0.3038** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7172, 0.3830, 0.3527**, and the grayscale version is **40.7099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3590, 0.2732, 0.3127**, and **20.1200, 0.2479, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **39.9338, 0.2484, 0.2950**, and if you desaturate by 10%, it is **47.6977, 0.2767, 0.3121**.

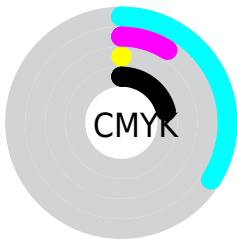
Distribution



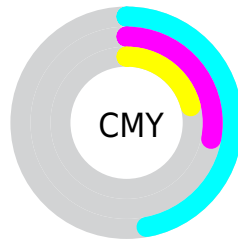
- Red (53%)
- Green (72%)
- Blue (79%)



- Red (53%)
- Yellow (64%)
- Blue (79%)



- Cyan (34%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)




- Cyan (47%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6136, 0.2621, 0.3038 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 43.6136, 0.2621, 0.3038 by changing the saturation by 10% instead.


 43.6136, 0.2621,
0.3038


 43.6136, 0.2621,
0.3038


361.1291, 0.2872,
0.3169


 30.3669, 0.2559,
0.3004


 80.6360, 0.2712,
0.3087

 20.1172, 0.2480,
0.2959


 105.1804, 0.2746,
0.3105

 12.4803, 0.2376,
0.2899


 134.2595, 0.2775,
0.3120

 7.0716, 0.2233,
0.2813

168.2577, 0.2800,
0.3132

 3.5070, 0.2025,
0.2680

207.5594, 0.2822,
0.3143

 1.4018, 0.1701,
0.2454

252.5489, 0.2841,

 0.2180, 0.0000,

0.3153

0.1465

303.6107, 0.2857,
0.3161

0.0000, 0.0000,
0.0000

43.6136, 0.2621,
0.3038

43.6136, 0.2621,
0.3038

39.9338, 0.2484,
0.2950

47.6977, 0.2767,
0.3121

36.6340, 0.2358,
0.2857

52.1985, 0.2918,
0.3197

33.6952, 0.2247,
0.2760

57.1341, 0.3071,
0.3266

31.0940, 0.2155,
0.2662

62.5199, 0.3223,
0.3329

28.8037, 0.2081,
0.2562

68.3705, 0.3373,
0.3385

■ 26.7922, 0.2028,
0.2464

■ 74.6704, 0.3518,
0.3435

■ 25.6309, 0.2001,
0.2403

■ 77.4535, 0.3507,
0.3488

■ 80.3264, 0.3496,
0.3541

■ 83.2900, 0.3485,
0.3594

Harmonies

Analogous

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



43.6136, 0.2695, 0.3271



43.6136, 0.2621, 0.3038



43.6136, 0.2674, 0.2887

Triad

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



43.6136, 0.2621, 0.3038



43.6136, 0.3367, 0.3071



43.6136, 0.3401, 0.3767

Complementary

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



43.6136, 0.2621, 0.3038



36.7172, 0.3830, 0.3527

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.



43.6136, 0.3595, 0.3687



43.6136, 0.2621, 0.3038



43.6136, 0.3577, 0.3284

Square

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



43.6136, 0.2621, 0.3038



43.6136, 0.3097, 0.2914



43.6136, 0.3661, 0.3507



43.6136, 0.3140, 0.3709

Rectangle

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



43.6136, 0.2621, 0.3038



43.6136, 0.2777, 0.2847



43.6136, 0.3661, 0.3507



43.6136, 0.3477, 0.3754

Sweetspot

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



43.6153, 0.2621, 0.3038



91.2531, 0.2972, 0.3222



49.5443, 0.2971, 0.4029



19.2821, 0.2950, 0.3212



0.0000, 0.0000, 0.0000



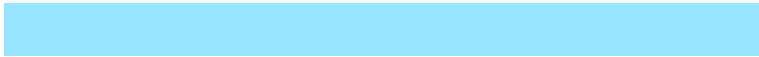
21.4041, 0.3127, 0.3290

Same Dimension

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



43.6153, 0.2621, 0.3038



69.4938, 0.2526, 0.2978



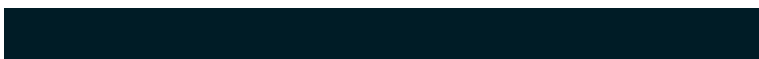
31.4502, 0.2559, 0.2551



12.2055, 0.2983, 0.3227



16.6431, 0.2004, 0.2416



0.9785, 0.2057, 0.2607

Inverse Universe

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



33.0551, 0.3346, 0.2663



49.6454, 0.3404, 0.2536



48.9745, 0.3694, 0.3932



11.3511, 0.3177, 0.3121



9.4831, 0.4007, 0.1981



0.5013, 0.3818, 0.1877

Previews

White Background



This preview shows how the Yxy color 43.6136, 0.2621, 0.3038 looks on a white background.

Color Contrast Check

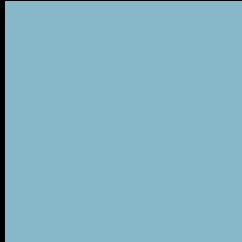
Large Text (above 18pt) WCAG AA × Fail

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 43.6136, 0.2621, 0.3038 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 43.6136, 0.2621, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 43.6136, 0.2621, 0.3038.



This preview shows how white text looks on a background with the Yxy color 43.6136, 0.2621, 0.3038.

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

43.6136, 0.2621, 0.3038

Protanopia

43.5297, 0.2944, 0.3014

Deuteranopia

43.4965, 0.2925, 0.2868



Tritanopia

43.3910, 0.2633, 0.3078

Trichromacy



Original Color

43.6136, 0.2621, 0.3038

Protanomaly

43.2889, 0.2819, 0.3020

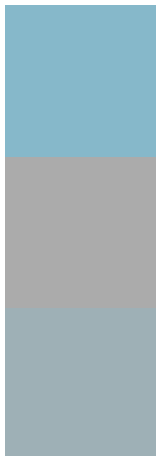
Deuteranomaly

43.1968, 0.2806, 0.2919

Tritanomaly

43.4377, 0.2627, 0.3065

Monochromacy



Original Color

43.6136, 0.2621, 0.3038

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6972, 0.2927, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6136, 0.2621, 0.3038 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(134, 184, 202)` looks like.

```
.text, #text, p{  
    color:rgb(134, 184, 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(134, 184, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 184, 202) }
```

Border

The CSS property to change the border of an element to Yxy 43.6136, 0.2621, 0.3038 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(134, 184, 202) }
```

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

```
.border{ border-color:rgb(134, 184, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 184, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 184, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 184, 202);  
box-shadow:4px 4px 4px 4px rgb(134, 184,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6136, 0.2621, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 184, 202) }
```

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

```
.background{ background-color: rgb(134,  
184, 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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