

Converting Colors

$Yxy(43.1869, 0.2626, 0.2911)$

Have a look what the booklet for
Yxy(43.1869, 0.2626, 0.2911)
contains.

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Color

Yxy(43.3526, 0.2632, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	8EB5D0
RGB	142, 181, 208
RGB Percent	56%, 71%, 82%
CMY	0.4432, 0.2902, 0.1842
CMYK	0.32, 0.13, 0.00, 0.18
HSL	205°, 41%, 69%
HSV	205°, 32%, 82%
XYZ	39.0633, 43.3526, 66.0010
YIQ	172.4170, -31.9110, 0.1290

Conversions

Conversions Part 2

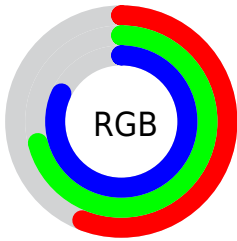
Format	Color
RYB	142, 167, 208
Decimal	9352656
CIELab	71.79, -6.67, -17.89
CIELCh	72, 19.098, 249.545
Yxy	43.3526, 0.2632, 0.2921
Android (android.graphics.Color)	4287542736 (0xFF8EB5D0)
YUV	172.4170, 17.5424, -26.6757
Hunter-Lab	65.8427, -9.3237, -13.3427

Details

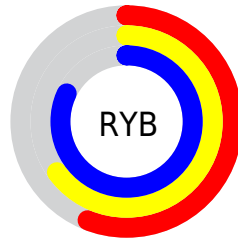
The Yxy color **43.3526, 0.2632, 0.2921** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **43.7406, 0.3742, 0.3631**, and the grayscale version is **41.3976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6587, 0.2774, 0.3097**, and **19.8953, 0.2487, 0.2800** is the 20% darker color. If you saturate the color by 10%, you get **38.3271, 0.2479, 0.2782**, and if you desaturate by 10%, it is **48.9363, 0.2789, 0.3050**.

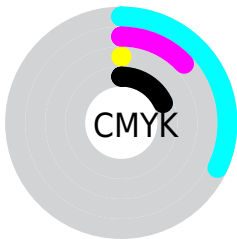
Distribution



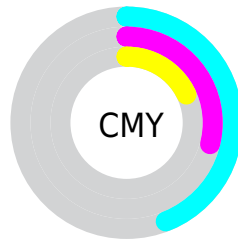
- Red (56%)
- Green (71%)
- Blue (82%)



- Red (56%)
- Yellow (65%)
- Blue (82%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (44%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3526, 0.2632, 0.2921 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 43.3526, 0.2632, 0.2921 by changing the saturation by 10% instead.

■ 43.3526, 0.2632,
0.2921

■ 43.3526, 0.2632,
0.2921

■ 360.0598, 0.2878,
0.3109

■ 30.1619, 0.2571,
0.2873

■ 80.2427, 0.2721,
0.2990

■ 19.9615, 0.2494,
0.2812

■ 104.7108, 0.2755,
0.3015

■ 12.3670, 0.2392,
0.2730

■ 133.7069, 0.2783,
0.3037

■ 6.9942, 0.2251,
0.2615

■ 167.6152, 0.2807,
0.3056

■ 3.4585, 0.2048,
0.2443

■ 206.8203, 0.2829,
0.3072

■ 1.3755, 0.1732,
0.2164

■ 251.7065, 0.2847,

■ 0.1986, 0.0145,

0.3086

0.1113

302.6582, 0.2864,
0.3098

0.0000, 0.0000,
0.0000

43.3526, 0.2632,
0.2921

43.3526, 0.2632,
0.2921

38.3271, 0.2479,
0.2782

48.9363, 0.2789,
0.3050

33.8318, 0.2333,
0.2634

55.0943, 0.2946,
0.3167

29.8436, 0.2198,
0.2479

61.8485, 0.3101,
0.3273

26.3349, 0.2080,
0.2321

69.2176, 0.3250,
0.3367

23.2748, 0.1982,
0.2162

77.2197, 0.3394,
0.3451

■ 20.6269, 0.1905,
0.2005

■ 83.5665, 0.3445,
0.3532

■ 18.7033, 0.1856,
0.1880

■ 88.4761, 0.3430,
0.3615

■ 93.6209, 0.3415,
0.3695

■ 97.3355, 0.3406,
0.3750

Harmonies

Analogous

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



43.3526, 0.2623, 0.3109



43.3526, 0.2632, 0.2921



43.3526, 0.2767, 0.2839

Triad

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



43.3526, 0.2632, 0.2921



43.3526, 0.3523, 0.3204



43.3526, 0.3236, 0.3756

Complementary

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



43.3526, 0.2632, 0.2921



43.7406, 0.3742, 0.3631

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.



43.3526, 0.3487, 0.3763



43.3526, 0.2632, 0.2921



43.3526, 0.3659, 0.3433

Square

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



43.3526, 0.2632, 0.2921



43.3526, 0.3278, 0.3002



43.3526, 0.3645, 0.3639



43.3526, 0.2964, 0.3606

Rectangle

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



43.3526, 0.2632, 0.2921



43.3526, 0.2914, 0.2848



43.3526, 0.3645, 0.3639



43.3526, 0.3326, 0.3774

Sweetspot

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



43.3543, 0.2632, 0.2921



89.0043, 0.2972, 0.3185



53.7159, 0.2916, 0.3837



18.7367, 0.2949, 0.3169



0.0000, 0.0000, 0.0000



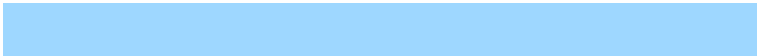
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3543, 0.2632, 0.2921



63.2835, 0.2529, 0.2829



31.6660, 0.2576, 0.2456



12.5622, 0.2983, 0.3193



11.8477, 0.1862, 0.1901



0.8165, 0.1940, 0.2183

Inverse Universe

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



36.0887, 0.3427, 0.2809



50.6727, 0.3513, 0.2705



57.3369, 0.3625, 0.4006



11.9238, 0.3199, 0.3153



9.2673, 0.4566, 0.2289



0.5337, 0.4251, 0.2116

Previews

White Background



This preview shows how the Yxy color 43.3526, 0.2632, 0.2921 looks on a white background.

Color Contrast Check

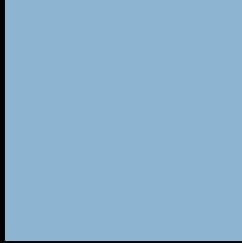
Large Text (above 18pt) WCAG AA × Fail

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 43.3526, 0.2632, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

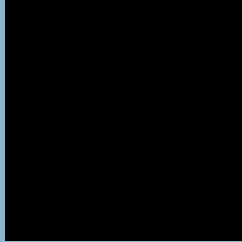
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

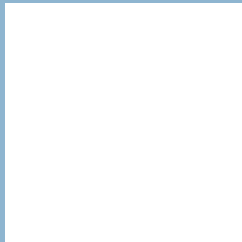
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3526, 0.2632, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 43.3526, 0.2632, 0.2921.



This preview shows how white text looks on a background with the Yxy color 43.3526, 0.2632, 0.2921.

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

43.3526, 0.2632, 0.2921

Protanopia

43.1299, 0.2867, 0.2910

Deuteranopia

42.8929, 0.2854, 0.2791



Tritanopia

43.4736, 0.2692, 0.3094

Trichromacy



Original Color

43.3526, 0.2632, 0.2921

Protanomaly

43.3256, 0.2777, 0.2917

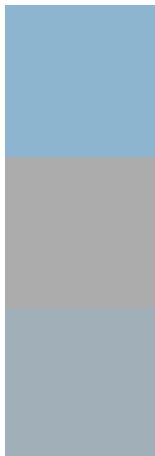
Deuteranomaly

43.0499, 0.2770, 0.2843

Tritanomaly

43.3357, 0.2671, 0.3026

Monochromacy



Original Color

43.3526, 0.2632, 0.2921

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7398, 0.2929, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3526, 0.2632, 0.2921 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, 181, 208)` looks like.

```
.text, #text, p{  
    color:rgb(142, 181, 208)  
}
```

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, 181, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 181, 208) }
```

Border

The CSS property to change the border of an element to Yxy 43.3526, 0.2632, 0.2921 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, 181, 208) }
```

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

```
.border{ border-color:rgb(142, 181, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 181, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 181, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 181, 208); box-shadow:4px 4px 4px 4px rgb(142, 181, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3526, 0.2632, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 181, 208) }
```

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

```
.background{ background-color: rgb(142,  
181, 208) }
```

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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