

Converting Colors

$Y_{xy}(43.7782, 0.2720, 0.3105)$

Have a look what the booklet for
Yxy(43.7782, 0.2720, 0.3105)
contains.

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Color

Yxy(43.6921, 0.2719, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	8FB7C4
RGB	143, 183, 196
RGB Percent	56%, 72%, 77%
CMY	0.4393, 0.2823, 0.2312
CMYK	0.27, 0.07, 0.00, 0.23
HSL	195°, 31%, 66%
HSV	195°, 27%, 77%
XYZ	38.2236, 43.6921, 58.6638
YIQ	172.5220, -28.0130, -4.4370

Conversions

Conversions Part 2

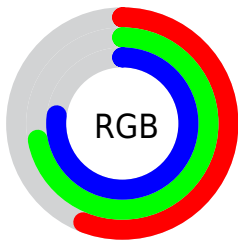
Format	Color
RYB	143, 166, 196
Decimal	9418692
CIELab	72.02, -10.34, -10.98
CIElCh	72, 15.084, 226.711
Yxy	43.6921, 0.2719, 0.3108
Android (android.graphics.Color)	4287608772 (0xFF8FB7C4)
YUV	172.5220, 11.5747, -25.8908
Hunter-Lab	66.1000, -12.4540, -6.3499

Details

The Yxy color **43.6921, 0.2719, 0.3108** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4981, 0.3660, 0.3464**, and the grayscale version is **41.4826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8306, 0.2792, 0.3140**, and **20.1424, 0.2607, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **40.1433, 0.2577, 0.3030**, and if you desaturate by 10%, it is **47.6180, 0.2867, 0.3180**.

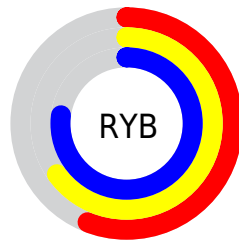
Distribution



Red (56%)

Green (72%)

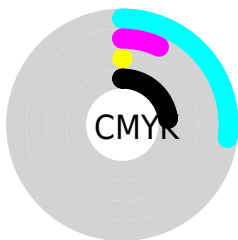
Blue (77%)



Red (56%)

Yellow (65%)

Blue (77%)

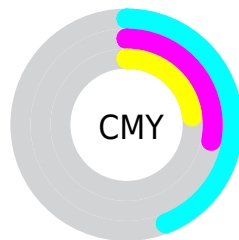


Cyan (27%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (44%)


Magenta (28%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6921, 0.2719, 0.3108 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 43.6921, 0.2719, 0.3108 by changing the saturation by 10% instead.


 43.6921, 0.2719,
0.3108


 43.6921, 0.2719,
0.3108


361.4503, 0.2923,
0.3203

 30.4285, 0.2668,
0.3083


 80.7542, 0.2793,
0.3143

 20.1641, 0.2604,
0.3051


 105.3216, 0.2821,
0.3156

 12.5144, 0.2518,
0.3007


134.4256, 0.2844,
0.3167

 7.0950, 0.2399,
0.2944

168.4508, 0.2864,
0.3176

 3.5216, 0.2224,
0.2846

207.7814, 0.2882,
0.3184

 1.4097, 0.1943,
0.2674

252.8020, 0.2897,

 0.2239, 0.0000,

0.3191

0.1811

303.8968, 0.2911,
0.3197

0.0000, 0.0000,
0.0000

43.6921, 0.2719,
0.3108

43.6921, 0.2719,
0.3108

40.1433, 0.2577,
0.3030

47.6180, 0.2867,
0.3180

36.9498, 0.2446,
0.2947

51.9311, 0.3019,
0.3247

34.0952, 0.2328,
0.2860

56.6477, 0.3172,
0.3307

31.5597, 0.2225,
0.2771

61.7814, 0.3323,
0.3361

29.3210, 0.2142,
0.2679

67.3451, 0.3471,
0.3409

■ 27.3529, 0.2078,
0.2588

■ 72.2757, 0.3571,
0.3454

■ 25.6202, 0.2032,
0.2498

■ 74.7161, 0.3560,
0.3502

■ 25.1385, 0.2020,
0.2472

■ 77.2289, 0.3549,
0.3551

■ 79.8146, 0.3539,
0.3598

Harmonies

Analogous

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



43.6921, 0.2791, 0.3299



43.6921, 0.2719, 0.3108



43.6921, 0.2751, 0.2975

Triad

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



43.6921, 0.2719, 0.3108



43.6921, 0.3297, 0.3096



43.6921, 0.3370, 0.3670

Complementary

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



43.6921, 0.2719, 0.3108



37.4981, 0.3660, 0.3464

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.



43.6921, 0.3515, 0.3598



43.6921, 0.2719, 0.3108



43.6921, 0.3473, 0.3267

Square

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



43.6921, 0.2719, 0.3108



43.6921, 0.3079, 0.2974



43.6921, 0.3553, 0.3449



43.6921, 0.3163, 0.3635

Rectangle

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



43.6921, 0.2719, 0.3108



43.6921, 0.2828, 0.2934



43.6921, 0.3553, 0.3449



43.6921, 0.3428, 0.3657

Sweetspot

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



43.6939, 0.2719, 0.3108



93.1803, 0.3003, 0.3240



47.7109, 0.3006, 0.3874



19.6815, 0.2980, 0.3230



0.0000, 0.0000, 0.0000



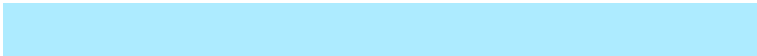
21.4041, 0.3127, 0.3290

Same Dimension

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



43.6939, 0.2719, 0.3108



75.5479, 0.2641, 0.3066



33.9780, 0.2682, 0.2732



10.9960, 0.2984, 0.3232



16.2869, 0.2024, 0.2485



0.8064, 0.2079, 0.2685

Inverse Universe

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



34.7948, 0.3284, 0.2777



57.2971, 0.3323, 0.2672



47.1311, 0.3575, 0.3792



10.2039, 0.3174, 0.3118



8.9264, 0.3938, 0.1943



0.3961, 0.3743, 0.1835

Previews

White Background



This preview shows how the Yxy color 43.6921, 0.2719, 0.3108 looks on a white background.

Color Contrast Check

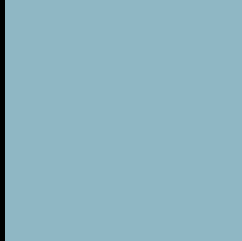
Large Text (above 18pt) WCAG AA × Fail

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 43.6921, 0.2719, 0.3108 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

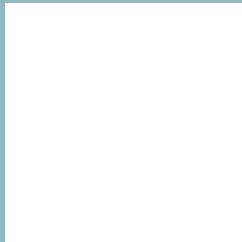
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6921, 0.2719, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 43.6921, 0.2719, 0.3108.



This preview shows how white text looks on a background with the Yxy color 43.6921, 0.2719, 0.3108.

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

43.6921, 0.2719, 0.3108

Protanopia

43.5355, 0.2999, 0.3079

Deuteranopia

43.2703, 0.3013, 0.2944



Tritanopia

43.7378, 0.2713, 0.3095

Trichromacy



Original Color

43.6921, 0.2719, 0.3108

Protanomaly

43.4776, 0.2886, 0.3087

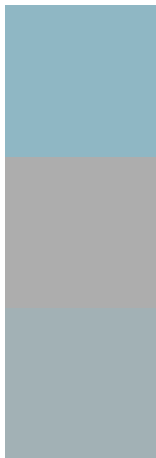
Deuteranomaly

43.0160, 0.2896, 0.2997

Tritanomaly

43.7378, 0.2713, 0.3095

Monochromacy



Original Color

43.6921, 0.2719, 0.3108

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4619, 0.2968, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6921, 0.2719, 0.3108 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(143, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(143, 183, 196)  
}
```

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(143, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 183, 196) }
```

Border

The CSS property to change the border of an element to Yxy 43.6921, 0.2719, 0.3108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

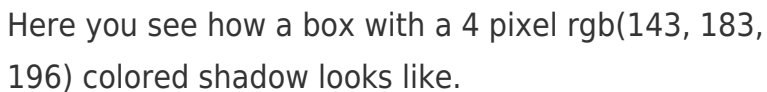
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 183, 196) }
```

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

```
.border{ border-color:rgb(143, 183, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 183, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 183, 196); box-shadow:4px 4px 4px 4px rgb(143, 183, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6921, 0.2719, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 183, 196) }
```

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

```
.background{ background-color: rgb(143,  
183, 196) }
```

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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