

Converting Colors

$Yxy(44.6526, 0.2812, 0.3058)$

Have a look what the booklet for
Yxy(44.6526, 0.2812, 0.3058)
contains.

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Color

Yxy(44.4404, 0.2807, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	9EB5C7
RGB	158, 181, 199
RGB Percent	62%, 71%, 78%
CMY	0.3803, 0.2902, 0.2195
CMYK	0.21, 0.09, 0.00, 0.22
HSL	206°, 27%, 70%
HSV	206°, 21%, 78%
XYZ	40.9400, 44.4404, 60.4693
YIQ	176.1750, -19.4860, 0.7220

Conversions

Conversions Part 2

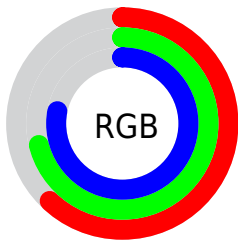
Format	Color
R _Y B	158, 173, 199
Decimal	10401223
CIE Lab	72.52, -3.95, -11.77
CIE LCh	73, 12.417, 251.436
Yxy	44.4404, 0.2807, 0.3047
Android (android.graphics.Color)	4288591303 (0xFF9EB5C7)
YUV	176.1750, 11.2527, -15.9395
Hunter-Lab	66.6636, -7.0395, -7.1163

Details

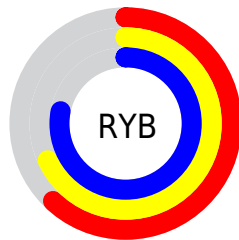
The Yxy color **44.4404, 0.2807, 0.3047** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6922, 0.3489, 0.3521**, and the grayscale version is **43.4640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9345, 0.2869, 0.3102**, and **20.5468, 0.2717, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **39.1349, 0.2648, 0.2910**, and if you desaturate by 10%, it is **50.3002, 0.2965, 0.3172**.

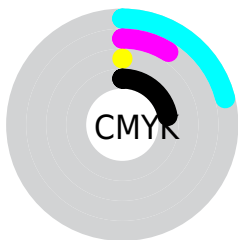
Distribution



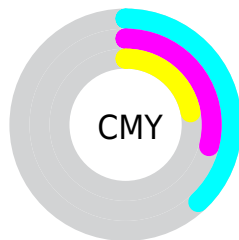
- Red (62%)
- Green (71%)
- Blue (78%)



- Red (62%)
- Yellow (68%)
- Blue (78%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4404, 0.2807, 0.3047 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 44.4404, 0.2807, 0.3047 by changing the saturation by 10% instead.

■ 44.4404, 0.2807,
0.3047

■ 44.4404, 0.2807,
0.3047

■ 364.5024, 0.2967,
0.3170

■ 31.0169, 0.2767,
0.3016

■ 81.8800, 0.2865,
0.3092

■ 20.6117, 0.2716,
0.2976

■ 106.6649, 0.2887,
0.3109

■ 12.8405, 0.2649,
0.2922

■ 136.0057, 0.2905,
0.3123

■ 7.3188, 0.2555,
0.2846

■ 170.2869, 0.2921,
0.3135

■ 3.6623, 0.2415,
0.2732

■ 209.8927, 0.2935,
0.3146

■ 1.4865, 0.2190,
0.2542

■ 255.2077, 0.2947,

■ 0.2792, 0.1066,

0.3155

0.1762

306.6161, 0.2957,
0.3163

0.0000, 0.0000,
0.0000

44.4404, 0.2807,
0.3047

44.4404, 0.2807,
0.3047

39.1349, 0.2648,
0.2910

50.3002, 0.2965,
0.3172

34.3584, 0.2492,
0.2762

56.7275, 0.3118,
0.3284

30.0916, 0.2341,
0.2603

63.7416, 0.3266,
0.3384

26.3115, 0.2201,
0.2437

71.3595, 0.3407,
0.3472

22.9930, 0.2077,
0.2267

79.1110, 0.3521,
0.3552

■ 20.1077, 0.1971,
0.2096

■ 83.9606, 0.3503,
0.3638

■ 17.6228, 0.1888,
0.1928

■ 89.0563, 0.3485,
0.3722

■ 15.5976, 0.1827,
0.1775

■ 94.4017, 0.3467,
0.3803

■ 96.9048, 0.3460,
0.3840

Harmonies

Analogous

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



44.4404, 0.2796, 0.3168



44.4404, 0.2807, 0.3047



44.4404, 0.2901, 0.2994

Triad

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



44.4404, 0.2807, 0.3047



44.4404, 0.3389, 0.3245



44.4404, 0.3189, 0.3582

Complementary

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



44.4404, 0.2807, 0.3047



45.6922, 0.3489, 0.3521

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.



44.4404, 0.3352, 0.3596



44.4404, 0.2807, 0.3047



44.4404, 0.3471, 0.3397

Square

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



44.4404, 0.2807, 0.3047



44.4404, 0.3237, 0.3109



44.4404, 0.3457, 0.3526



44.4404, 0.3013, 0.3482

Rectangle

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



44.4404, 0.2807, 0.3047



44.4404, 0.3001, 0.3002



44.4404, 0.3457, 0.3526



44.4404, 0.3247, 0.3597

Sweetspot

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



44.4422, 0.2807, 0.3047



92.9934, 0.3034, 0.3224



51.2586, 0.2978, 0.3604



19.7460, 0.3024, 0.3216



0.0000, 0.0000, 0.0000



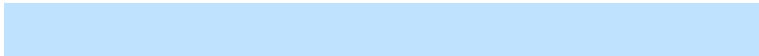
21.4041, 0.3127, 0.3290

Same Dimension

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



44.4422, 0.2807, 0.3047



73.2430, 0.2731, 0.2983



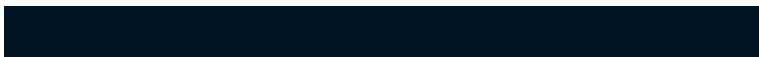
36.8046, 0.2789, 0.2765



11.2564, 0.2983, 0.3186



10.2036, 0.1833, 0.1797



0.6257, 0.1927, 0.2139

Inverse Universe

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



39.9463, 0.3314, 0.3000



64.1744, 0.3368, 0.2929



54.2287, 0.3441, 0.3766



10.7348, 0.3204, 0.3161



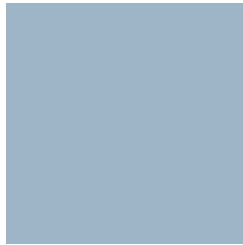
8.5700, 0.4689, 0.2357



0.4202, 0.4299, 0.2142

Previews

White Background



This preview shows how the Yxy color 44.4404, 0.2807, 0.3047 looks on a white background.

Color Contrast Check

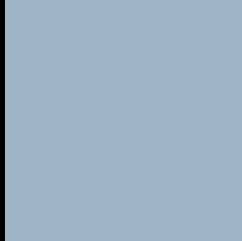
Large Text (above 18pt) WCAG AA × Fail

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 44.4404, 0.2807, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

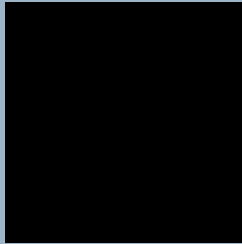
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

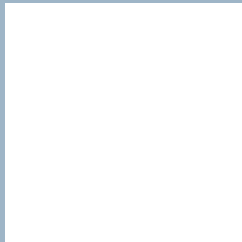
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4404, 0.2807, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 44.4404, 0.2807, 0.3047.



This preview shows how white text looks on a background with the Yxy color 44.4404, 0.2807, 0.3047.

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

44.4404, 0.2807, 0.3047

Protanopia

44.1502, 0.2961, 0.3028

Deuteranopia

44.2945, 0.2997, 0.2934



Tritanopia

44.2014, 0.2820, 0.3086

Trichromacy



Original Color

44.4404, 0.2807, 0.3047

Protanomaly

44.3070, 0.2905, 0.3039

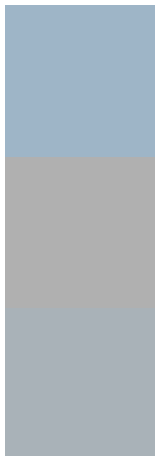
Deuteranomaly

44.3348, 0.2931, 0.2978

Tritanomaly

44.2471, 0.2813, 0.3073

Monochromacy



Original Color

44.4404, 0.2807, 0.3047

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7365, 0.3003, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4404, 0.2807, 0.3047 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(158, 181, 199)` looks like.

```
.text, #text, p{  
    color:rgb(158, 181, 199)  
}
```

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(158, 181, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 181, 199) }
```

Border

The CSS property to change the border of an element to Yxy 44.4404, 0.2807, 0.3047 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(158, 181, 199) }
```

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

```
.border{ border-color:rgb(158, 181, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 181, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 181, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 181, 199);  
box-shadow:4px 4px 4px 4px rgb(158, 181,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4404, 0.2807, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 181, 199) }
```

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

```
.background{ background-color: rgb(158,  
181, 199) }
```

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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