

Converting Colors

Yxy(51.4769, 0.2693, 0.3146)

Have a look what the booklet for
Yxy(51.4769, 0.2693, 0.3146)
contains.

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Color

Yxy(51.2875, 0.2692, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	94C6D1
RGB	148, 198, 209
RGB Percent	58%, 78%, 82%
CMY	0.4197, 0.2235, 0.1803
CMYK	0.29, 0.05, 0.00, 0.18
HSL	191°, 40%, 70%
HSV	191°, 29%, 82%
XYZ	43.9141, 51.2875, 67.9266
YIQ	184.3040, -33.3310, -7.1790

Conversions

Conversions Part 2

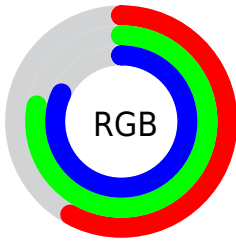
Format	Color
RYB	148, 175, 209
Decimal	9750225
CIELab	76.85, -13.69, -10.80
CIELCh	77, 17.438, 218.274
Yxy	51.2875, 0.2692, 0.3144
Android (android.graphics.Color)	4287940305 (0xFF94C6D1)
YUV	184.3040, 12.1751, -31.8386
Hunter-Lab	71.6153, -15.8715, -6.1054

Details

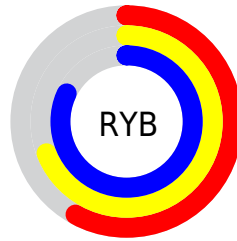
The Yxy color **51.2875, 0.2692, 0.3144** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4918, 0.3731, 0.3431**, and the grayscale version is **48.0534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **24.7460, 0.2574, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **47.8095, 0.2558, 0.3086**, and if you desaturate by 10%, it is **55.1645, 0.2836, 0.3198**.

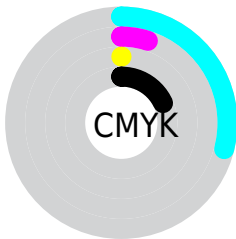
Distribution



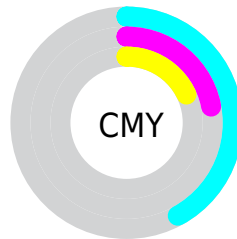
- Red (58%)
- Green (78%)
- Blue (82%)



- Red (58%)
- Yellow (69%)
- Blue (82%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (42%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2875, 0.2692, 0.3144 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 51.2875, 0.2692, 0.3144 by changing the saturation by 10% instead.

■ 51.2875, 0.2692,
0.3144

■ 51.2875, 0.2692,
0.3144

■ 391.6798, 0.2903,
0.3219

■ 36.4375, 0.2641,
0.3125

■ 92.0796, 0.2767,
0.3172

■ 24.7722, 0.2577,
0.3100

■ 118.7905, 0.2796,
0.3182

■ 15.9075, 0.2494,
0.3066

■ 150.2237, 0.2820,
0.3191

■ 9.4587, 0.2382,
0.3018

■ 186.7638, 0.2841,
0.3198

■ 5.0416, 0.2223,
0.2946

■ 228.7950, 0.2860,
0.3204

■ 2.2717, 0.1980,
0.2826

■ 276.7018, 0.2876,

■ 0.7587, 0.1349,

0.3210

0.2646

330.8686, 0.2890,
0.3215

0.0000, 0.0000,
0.0000

51.2875, 0.2692,
0.3144

51.2875, 0.2692,
0.3144

47.8095, 0.2558,
0.3086

55.1645, 0.2836,
0.3198

44.7052, 0.2435,
0.3025

59.4523, 0.2986,
0.3248

41.9555, 0.2329,
0.2962

64.1695, 0.3139,
0.3293

39.5370, 0.2240,
0.2897

69.3319, 0.3293,
0.3334

37.4233, 0.2170,
0.2832

74.9542, 0.3446,
0.3371

■ 35.5830, 0.2119,
0.2767

■ 77.3945, 0.3458,
0.3409

■ 33.9640, 0.2085,
0.2702

■ 79.4059, 0.3451,
0.3446

■ 33.8406, 0.2083,
0.2697

■ 81.4623, 0.3445,
0.3484

■ 83.5641, 0.3438,
0.3521

Harmonies

Analogous

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



51.2875, 0.2800, 0.3363



51.2875, 0.2692, 0.3144



51.2875, 0.2695, 0.2977

Triad

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



51.2875, 0.2692, 0.3144



51.2875, 0.3248, 0.3033



51.2875, 0.3447, 0.3695

Complementary

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



51.2875, 0.2692, 0.3144



40.4918, 0.3731, 0.3431

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.



51.2875, 0.3577, 0.3587



51.2875, 0.2692, 0.3144



51.2875, 0.3461, 0.3208

Square

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



51.2875, 0.2692, 0.3144



51.2875, 0.3008, 0.2922



51.2875, 0.3583, 0.3408



51.2875, 0.3233, 0.3692

Rectangle

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



51.2875, 0.2692, 0.3144



51.2875, 0.2759, 0.2914



51.2875, 0.3583, 0.3408



51.2875, 0.3502, 0.3670

Sweetspot

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



51.2896, 0.2692, 0.3144



93.2888, 0.2988, 0.3248



54.3835, 0.3022, 0.3989



19.7467, 0.2965, 0.3241



0.0000, 0.0000, 0.0000



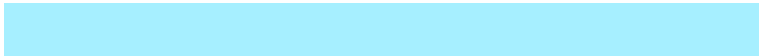
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2896, 0.2692, 0.3144



76.9659, 0.2607, 0.3109



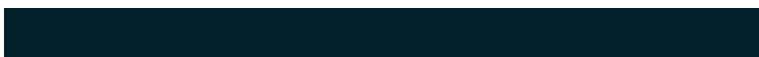
39.0233, 0.2648, 0.2735



13.0288, 0.2983, 0.3247



20.9902, 0.2085, 0.2707



1.2706, 0.2118, 0.2825

Inverse Universe

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



38.8080, 0.3262, 0.2689



54.6669, 0.3298, 0.2561



51.9540, 0.3630, 0.3788



11.9709, 0.3165, 0.3102



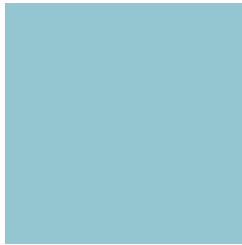
10.1902, 0.3722, 0.1824



0.5796, 0.3612, 0.1763

Previews

White Background



This preview shows how the Yxy color 51.2875, 0.2692, 0.3144 looks on a white background.

Color Contrast Check

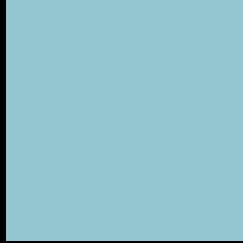
Large Text (above 18pt) WCAG AA × Fail

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 51.2875, 0.2692, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

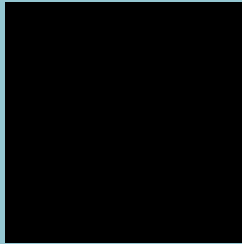
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

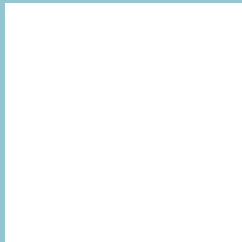
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2875, 0.2692, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 51.2875, 0.2692, 0.3144.



This preview shows how white text looks on a background with the Yxy color 51.2875, 0.2692, 0.3144.

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

51.2875, 0.2692, 0.3144

Protanopia

50.9696, 0.3015, 0.3104

Deuteranopia

50.9048, 0.3020, 0.2954



Tritanopia

51.1262, 0.2673, 0.3080

Trichromacy



Original Color

51.2875, 0.2692, 0.3144

Protanomaly

50.9913, 0.2886, 0.3124

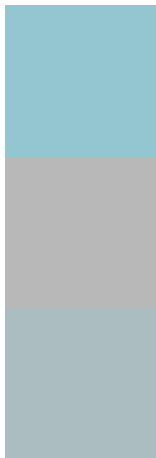
Deuteranomaly

50.6820, 0.2888, 0.3015

Tritanomaly

51.0755, 0.2679, 0.3093

Monochromacy



Original Color

51.2875, 0.2692, 0.3144

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9034, 0.2954, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2875, 0.2692, 0.3144 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(148, 198, 209)` looks like.

```
.text, #text, p{  
    color:rgb(148, 198, 209)  
}
```

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(148, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 198, 209) }
```

Border

The CSS property to change the border of an element to Yxy 51.2875, 0.2692, 0.3144 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(148, 198, 209) }
```

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

```
.border{ border-color:rgb(148, 198, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 198, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(148, 198,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2875, 0.2692, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 198, 209) }
```

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

```
.background{ background-color: rgb(148,  
198, 209) }
```

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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