

Converting Colors

$Y_{xy}(52.1972, 0.2665, 0.3103)$

Have a look what the booklet for
Yxy(52.1972, 0.2665, 0.3103)
contains.

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Color

Yxy(51.9978, 0.2664, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	94C7D6
RGB	148, 199, 214
RGB Percent	58%, 78%, 84%
CMY	0.4197, 0.2196, 0.1608
CMYK	0.31, 0.07, 0.00, 0.16
HSL	194°, 45%, 71%
HSV	194°, 31%, 84%
XYZ	44.7712, 51.9978, 71.2911
YIQ	185.4610, -35.2110, -6.1470

Conversions

Conversions Part 2

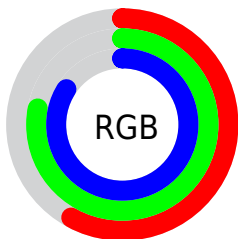
Format	Color
RYB	148, 177, 214
Decimal	9750486
CIELab	77.28, -13.03, -12.84
CIELCh	77, 18.295, 224.582
Yxy	51.9978, 0.2664, 0.3094
Android (android.graphics.Color)	4287940566 (0xFF94C7D6)
YUV	185.4610, 14.0697, -32.8533
Hunter-Lab	72.1095, -15.3649, -8.1404

Details

The Yxy color **51.9978, 0.2664, 0.3094** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6192, 0.3766, 0.3477**, and the grayscale version is **48.7202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **25.1869, 0.2547, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **47.9849, 0.2527, 0.3020**, and if you desaturate by 10%, it is **56.4551, 0.2810, 0.3163**.

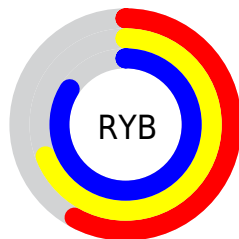
Distribution



Red (58%)

Green (78%)

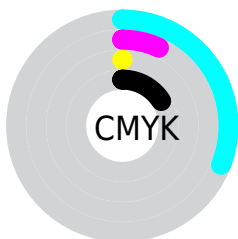
Blue (84%)



Red (58%)

Yellow (69%)

Blue (84%)

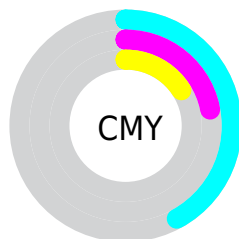


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9978, 0.2664, 0.3094 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 51.9978, 0.2664, 0.3094 by changing the saturation by 10% instead.


 51.9978, 0.2664,
0.3094


 51.9978, 0.2664,
0.3094

394.4281, 0.2888,
0.3194

 37.0033, 0.2611,
0.3069


 93.1280, 0.2743,
0.3130

 25.2101, 0.2543,
0.3036


 120.0325, 0.2774,
0.3144

 16.2336, 0.2456,
0.2993


151.6758, 0.2800,
0.3156

 9.6896, 0.2339,
0.2933

188.4423, 0.2822,
0.3165

 5.1937, 0.2174,
0.2842

230.7164, 0.2842,
0.3174

 2.3613, 0.1925,
0.2695

278.8825, 0.2859,

 0.8059, 0.1366,

0.3181

0.2459

333.3249, 0.2874,
0.3188

0.0000, 0.0000,
0.0000

51.9978, 0.2664,
0.3094

51.9978, 0.2664,
0.3094

47.9849, 0.2527,
0.3020

56.4551, 0.2810,
0.3163

44.3893, 0.2402,
0.2942

61.3700, 0.2961,
0.3227

41.1899, 0.2292,
0.2860

66.7628, 0.3114,
0.3285

38.3612, 0.2199,
0.2777

72.6506, 0.3267,
0.3338

35.8739, 0.2126,
0.2692

79.0495, 0.3418,
0.3385

■ 33.6936, 0.2072,
0.2609

■ 81.6907, 0.3411,
0.3433

■ 31.9111, 0.2037,
0.2533

■ 84.4045, 0.3403,
0.3481

■ 87.1941, 0.3396,
0.3528

■ 90.0600, 0.3388,
0.3575

Harmonies

Analogous

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



51.9978, 0.2754, 0.3316



51.9978, 0.2664, 0.3094



51.9978, 0.2692, 0.2938

Triad

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



51.9978, 0.2664, 0.3094



51.9978, 0.3304, 0.3056



51.9978, 0.3419, 0.3724

Complementary

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



51.9978, 0.2664, 0.3094



42.6192, 0.3766, 0.3477

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.



51.9978, 0.3578, 0.3631



51.9978, 0.2664, 0.3094



51.9978, 0.3512, 0.3247

Square

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



51.9978, 0.2664, 0.3094



51.9978, 0.3054, 0.2924



51.9978, 0.3614, 0.3455



51.9978, 0.3185, 0.3694

Rectangle

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



51.9978, 0.2664, 0.3094



51.9978, 0.2774, 0.2887



51.9978, 0.3614, 0.3455



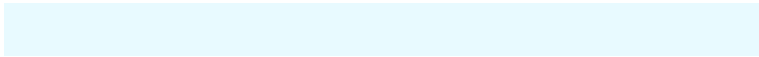
51.9978, 0.3483, 0.3705

Sweetspot

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



51.9999, 0.2664, 0.3094



92.6242, 0.2988, 0.3238



57.0045, 0.2996, 0.3990



19.5822, 0.2965, 0.3229



0.0000, 0.0000, 0.0000



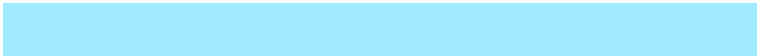
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9999, 0.2664, 0.3094



73.3655, 0.2573, 0.3046



38.6738, 0.2613, 0.2652



13.6073, 0.2982, 0.3236



19.4522, 0.2040, 0.2545



1.2931, 0.2080, 0.2688

Inverse Universe

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



39.5955, 0.3300, 0.2687



52.5438, 0.3347, 0.2559



55.5950, 0.3651, 0.3855



12.5822, 0.3172, 0.3112



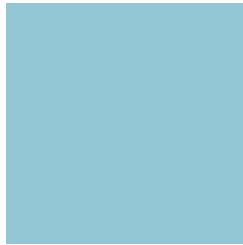
10.3086, 0.3878, 0.1910



0.6339, 0.3739, 0.1834

Previews

White Background



This preview shows how the Yxy color 51.9978, 0.2664, 0.3094 looks on a white background.

Color Contrast Check

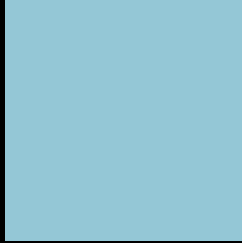
Large Text (above 18pt) WCAG AA × Fail

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 51.9978, 0.2664, 0.3094 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 51.9978, 0.2664, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 51.9978, 0.2664, 0.3094.



This preview shows how white text looks on a background with the Yxy color 51.9978, 0.2664, 0.3094.

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

51.9978, 0.2664, 0.3094

Protanopia

51.7681, 0.2986, 0.3057

Deuteranopia

51.4434, 0.2976, 0.2908



Tritanopia

52.0490, 0.2658, 0.3081

Trichromacy



Original Color

51.9978, 0.2664, 0.3094

Protanomaly

51.7917, 0.2860, 0.3076

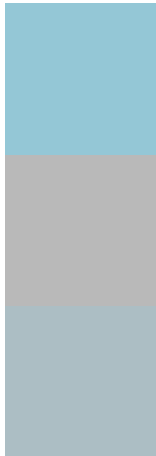
Deuteranomaly

51.3685, 0.2855, 0.2969

Tritanomaly

52.0490, 0.2658, 0.3081

Monochromacy



Original Color

51.9978, 0.2664, 0.3094

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.5831, 0.2940, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9978, 0.2664, 0.3094 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, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(148, 199, 214)  
}
```

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, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 199, 214) }
```

Border

The CSS property to change the border of an element to Yxy 51.9978, 0.2664, 0.3094 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, 199, 214) }
```

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

```
.border{ border-color:rgb(148, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(148, 199,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9978, 0.2664, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 199, 214) }
```

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

```
.background{ background-color: rgb(148,  
199, 214) }
```

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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