

Converting Colors

$Yxy(51.5788, 0.2670, 0.3130)$

Have a look what the booklet for
Yxy(51.5788, 0.2670, 0.3130)
contains.

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Color

Yxy(51.6610, 0.2669, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	92C7D3
RGB	146, 199, 211
RGB Percent	57%, 78%, 83%
CMY	0.4275, 0.2196, 0.1724
CMYK	0.31, 0.06, 0.00, 0.17
HSL	191°, 43%, 70%
HSV	191°, 31%, 83%
XYZ	44.0381, 51.6610, 69.2993
YIQ	184.5210, -35.4400, -7.5040

Conversions

Conversions Part 2

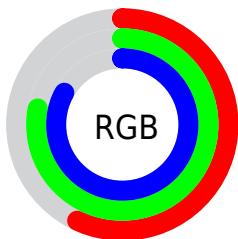
Format	Color
RYB	146, 175, 211
Decimal	9619411
CIELab	77.08, -14.30, -11.56
CIElCh	77, 18.383, 218.954
Yxy	51.6610, 0.2669, 0.3131
Android (android.graphics.Color)	4287809491 (0xFF92C7D3)
YUV	184.5210, 13.0541, -33.7829
Hunter-Lab	71.8756, -16.4156, -6.8519

Details

The Yxy color **51.6610, 0.2669, 0.3131** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3935, 0.3775, 0.3442**, and the grayscale version is **48.1787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **24.9783, 0.2554, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **48.1305, 0.2536, 0.3071**, and if you desaturate by 10%, it is **55.5987, 0.2812, 0.3187**.

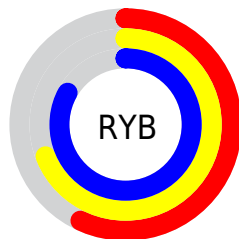
Distribution



Red (57%)

Green (78%)

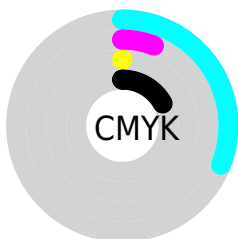
Blue (83%)



Red (57%)

Yellow (69%)

Blue (83%)

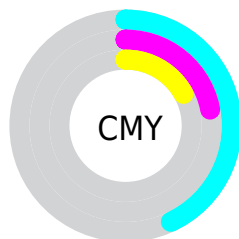


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (17%)



Cyan (43%)


Magenta (22%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6610, 0.2669, 0.3131 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 51.6610, 0.2669, 0.3131 by changing the saturation by 10% instead.


 51.6610, 0.2669,
0.3131


 51.6610, 0.2669,
0.3131


393.1265, 0.2891,
0.3213

 36.7349, 0.2616,
0.3110


 92.6311, 0.2748,
0.3161

 25.0023, 0.2549,
0.3083


 119.4439, 0.2778,
0.3172

 16.0788, 0.2462,
0.3047


150.9878, 0.2804,
0.3182

 9.5799, 0.2346,
0.2995

187.6471, 0.2826,
0.3190

 5.1213, 0.2180,
0.2917

229.8062, 0.2845,
0.3197

 2.3186, 0.1930,
0.2788

277.8495, 0.2862,

 0.7835, 0.1310,

0.3203

0.2593

332.1615, 0.2877,
0.3208

0.0000, 0.0000,
0.0000

51.6610, 0.2669,
0.3131

51.6610, 0.2669,
0.3131

48.1305, 0.2536,
0.3071

55.5987, 0.2812,
0.3187

44.9810, 0.2416,
0.3008

59.9559, 0.2961,
0.3239

42.1927, 0.2311,
0.2943

64.7519, 0.3115,
0.3286

39.7411, 0.2224,
0.2876

70.0029, 0.3269,
0.3329

37.5983, 0.2157,
0.2809

75.7244, 0.3421,
0.3367

■ 35.7313, 0.2109,
0.2742

■ 78.4345, 0.3441,
0.3406

■ 34.2058, 0.2078,
0.2681

■ 80.5380, 0.3434,
0.3445

■ 82.6898, 0.3428,
0.3483

■ 84.8903, 0.3421,
0.3522

Harmonies

Analogous

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



51.6610, 0.2780, 0.3361



51.6610, 0.2669, 0.3131



51.6610, 0.2675, 0.2958

Triad

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



51.6610, 0.2669, 0.3131



51.6610, 0.3259, 0.3024



51.6610, 0.3459, 0.3718

Complementary

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



51.6610, 0.2669, 0.3131



40.3935, 0.3775, 0.3442

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.



51.6610, 0.3599, 0.3605



51.6610, 0.2669, 0.3131



51.6610, 0.3482, 0.3208

Square

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



51.6610, 0.2669, 0.3131



51.6610, 0.3007, 0.2906



51.6610, 0.3608, 0.3418



51.6610, 0.3232, 0.3712

Rectangle

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



51.6610, 0.2669, 0.3131



51.6610, 0.2744, 0.2894



51.6610, 0.3608, 0.3418



51.6610, 0.3518, 0.3692

Sweetspot

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



51.6631, 0.2669, 0.3131



93.2249, 0.2988, 0.3247



55.1818, 0.3010, 0.4019



19.7309, 0.2965, 0.3240



0.0000, 0.0000, 0.0000



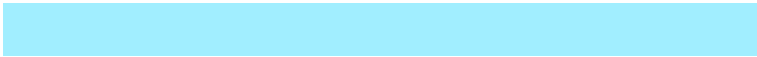
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6631, 0.2669, 0.3131



75.6447, 0.2580, 0.3092



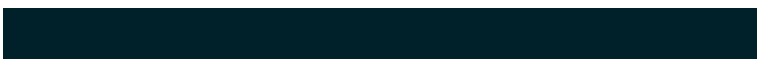
38.3044, 0.2617, 0.2684



13.0196, 0.2983, 0.3246



20.7759, 0.2081, 0.2691



1.2604, 0.2115, 0.2813

Inverse Universe

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



38.5349, 0.3274, 0.2658



52.7739, 0.3313, 0.2523



52.9464, 0.3657, 0.3829



11.9700, 0.3166, 0.3103



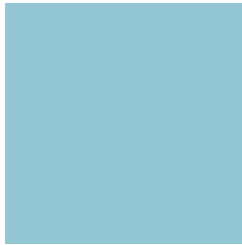
10.1686, 0.3736, 0.1832



0.5785, 0.3623, 0.1769

Previews

White Background



This preview shows how the Yxy color 51.6610, 0.2669, 0.3131 looks on a white background.

Color Contrast Check

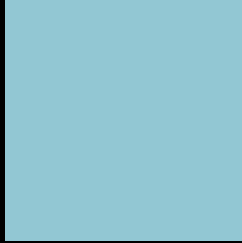
Large Text (above 18pt) WCAG AA × Fail

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 51.6610, 0.2669, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

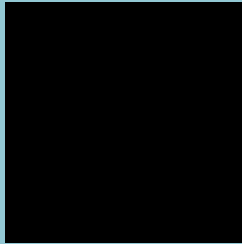
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

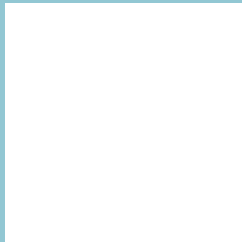
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6610, 0.2669, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 51.6610, 0.2669, 0.3131.

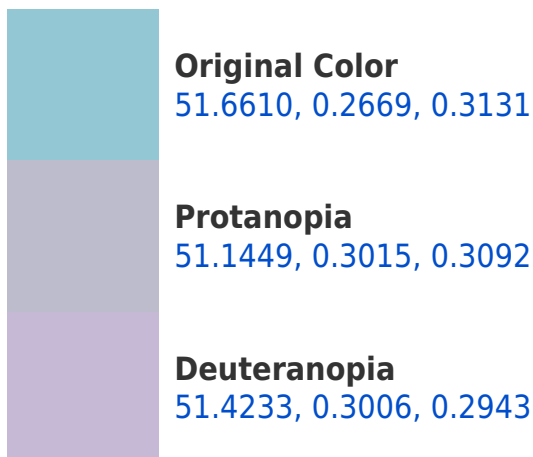


This preview shows how white text looks on a background with the Yxy color 51.6610, 0.2669, 0.3131.

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





Tritanopia

51.4463, 0.2656, 0.3080

Trichromacy



Original Color

51.6610, 0.2669, 0.3131

Protanomaly

51.0885, 0.2872, 0.3099

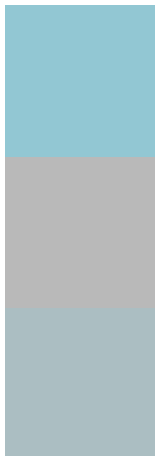
Deuteranomaly

51.0960, 0.2868, 0.3003

Tritanomaly

51.3953, 0.2662, 0.3093

Monochromacy



Original Color

51.6610, 0.2669, 0.3131

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3799, 0.2947, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6610, 0.2669, 0.3131 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(146, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(146, 199, 211)  
}
```

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(146, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 199, 211) }
```

Border

The CSS property to change the border of an element to Yxy 51.6610, 0.2669, 0.3131 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(146, 199, 211) }
```

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

```
.border{ border-color:rgb(146, 199, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(146, 199,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6610, 0.2669, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 199, 211) }
```

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

```
.background{ background-color: rgb(146,  
199, 211) }
```

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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