

Converting Colors

$Yxy(50.7728, 0.2619, 0.3091)$

Have a look what the booklet for
Yxy(50.7728, 0.2619, 0.3091)
contains.

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Color

Yxy(50.7677, 0.2619, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	8CC6D5
RGB	140, 198, 213
RGB Percent	55%, 78%, 84%
CMY	0.4510, 0.2235, 0.1648
CMYK	0.34, 0.07, 0.00, 0.16
HSL	192°, 46%, 69%
HSV	192°, 34%, 84%
XYZ	43.0154, 50.7677, 70.4605
YIQ	182.3680, -39.3830, -7.6310

Conversions

Conversions Part 2

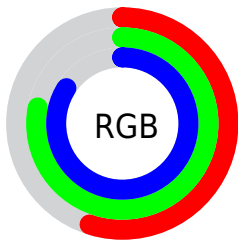
Format	Color
RYB	140, 172, 213
Decimal	9225941
CIELab	76.54, -14.99, -13.44
CIElCh	77, 20.134, 221.889
Yxy	50.7677, 0.2619, 0.3091
Android (android.graphics.Color)	4287416021 (0xFF8CC6D5)
YUV	182.3680, 15.1016, -37.1567
Hunter-Lab	71.2515, -16.9273, -8.7558

Details

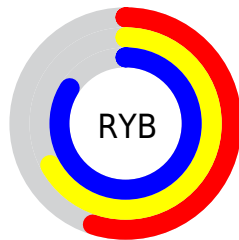
The Yxy color **50.7677, 0.2619, 0.3091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4630, 0.3867, 0.3478**, and the grayscale version is **46.9221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **24.3936, 0.2486, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **47.1279, 0.2488, 0.3023**, and if you desaturate by 10%, it is **54.8271, 0.2760, 0.3155**.

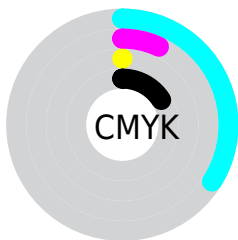
Distribution



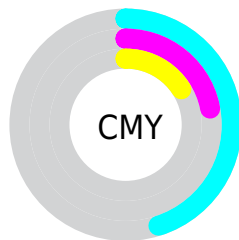
- Red (55%)
- Green (78%)
- Blue (84%)



- Red (55%)
- Yellow (67%)
- Blue (84%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7677, 0.2619, 0.3091 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 50.7677, 0.2619, 0.3091 by changing the saturation by 10% instead.

■ 50.7677, 0.2619,
0.3091

■ 50.7677, 0.2619,
0.3091

■ 389.6606, 0.2865,
0.3193

■ 36.0238, 0.2560,
0.3065

■ 91.3113, 0.2706,
0.3129

■ 24.4526, 0.2486,
0.3031

■ 117.8798, 0.2740,
0.3143

■ 15.6697, 0.2390,
0.2985

■ 149.1585, 0.2768,
0.3154

■ 9.2907, 0.2261,
0.2921

■ 185.5320, 0.2793,
0.3164

■ 4.9313, 0.2079,
0.2825

■ 227.3845, 0.2814,
0.3173

■ 2.2070, 0.1805,
0.2666

■ 275.1005, 0.2833,

■ 0.7238, 0.1076,

0.3181

0.2418

329.0644, 0.2850,
0.3187

0.0000, 0.0000,
0.0000

50.7677, 0.2619,
0.3091

50.7677, 0.2619,
0.3091

47.1279, 0.2488,
0.3023

54.8271, 0.2760,
0.3155

43.8803, 0.2370,
0.2952

59.3196, 0.2909,
0.3214

41.0038, 0.2269,
0.2878

64.2654, 0.3062,
0.3268

38.4722, 0.2186,
0.2803

69.6815, 0.3215,
0.3318

36.2551, 0.2123,
0.2728

75.5840, 0.3368,
0.3362

■ 34.3160, 0.2078,
0.2653

■ 79.4836, 0.3424,
0.3404

■ 33.2932, 0.2059,
0.2611

■ 81.8636, 0.3417,
0.3447

■ 84.3042, 0.3410,
0.3490

■ 86.8060, 0.3403,
0.3533

Harmonies

Analogous

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



50.7677, 0.2728, 0.3342



50.7677, 0.2619, 0.3091



50.7677, 0.2638, 0.2910

Triad

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



50.7677, 0.2619, 0.3091



50.7677, 0.3299, 0.3016



50.7677, 0.3470, 0.3767

Complementary

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



50.7677, 0.2619, 0.3091



39.4630, 0.3867, 0.3478

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.



50.7677, 0.3637, 0.3652



50.7677, 0.2619, 0.3091



50.7677, 0.3538, 0.3221

Square

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



50.7677, 0.2619, 0.3091



50.7677, 0.3021, 0.2877



50.7677, 0.3664, 0.3451



50.7677, 0.3215, 0.3749

Rectangle

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



50.7677, 0.2619, 0.3091



50.7677, 0.2721, 0.2849



50.7677, 0.3664, 0.3451



50.7677, 0.3539, 0.3742

Sweetspot

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



50.7697, 0.2619, 0.3091



92.1902, 0.2972, 0.3237



55.5004, 0.2990, 0.4099



19.5098, 0.2951, 0.3230



0.0000, 0.0000, 0.0000



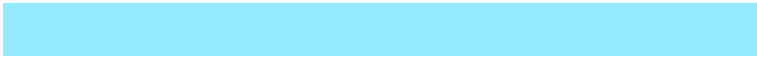
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7697, 0.2619, 0.3091



72.3460, 0.2524, 0.3043



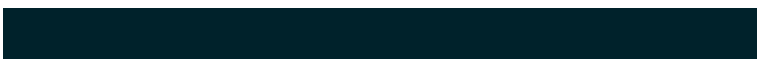
36.1791, 0.2553, 0.2586



13.6553, 0.2983, 0.3241



20.4935, 0.2062, 0.2622



1.3477, 0.2097, 0.2750

Inverse Universe

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



36.9743, 0.3308, 0.2603



49.1322, 0.3357, 0.2461



53.3298, 0.3721, 0.3905



12.5870, 0.3169, 0.3107



10.4137, 0.3803, 0.1869



0.6394, 0.3681, 0.1802

Previews

White Background



This preview shows how the Yxy color 50.7677, 0.2619, 0.3091 looks on a white background.

Color Contrast Check

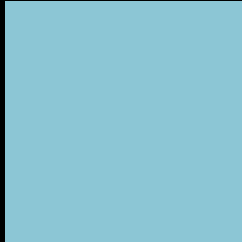
Large Text (above 18pt) WCAG AA × Fail

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 50.7677, 0.2619, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

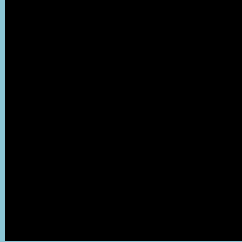
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

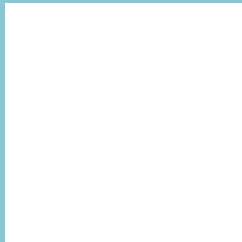
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7677, 0.2619, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 50.7677, 0.2619, 0.3091.



This preview shows how white text looks on a background with the Yxy color 50.7677, 0.2619, 0.3091.

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

50.7677, 0.2619, 0.3091

Protanopia

50.4360, 0.2977, 0.3054

Deuteranopia

50.1623, 0.2959, 0.2892



Tritanopia

50.8187, 0.2613, 0.3078

Trichromacy



Original Color

50.7677, 0.2619, 0.3091

Protanomaly

50.3001, 0.2829, 0.3060

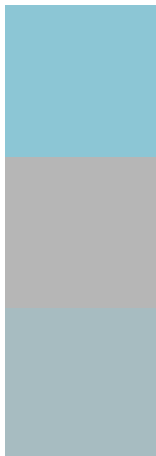
Deuteranomaly

49.8714, 0.2823, 0.2951

Tritanomaly

50.8187, 0.2613, 0.3078

Monochromacy



Original Color

50.7677, 0.2619, 0.3091

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.0322, 0.2922, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7677, 0.2619, 0.3091 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(140, 198, 213)` looks like.

```
.text, #text, p{  
    color:rgb(140, 198, 213)  
}
```

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(140, 198, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 198, 213) }
```

Border

The CSS property to change the border of an element to Yxy 50.7677, 0.2619, 0.3091 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(140, 198, 213) }
```

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

```
.border{ border-color:rgb(140, 198, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 198, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 198, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 198, 213);  
box-shadow:4px 4px 4px 4px rgb(140, 198,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7677, 0.2619, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 198, 213) }
```

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

```
.background{ background-color: rgb(140,  
198, 213) }
```

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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