

Converting Colors

$Y_{xy}(52.3401, 0.2524, 0.3030)$

Have a look what the booklet for
Yxy(52.3401, 0.2524, 0.3030)
contains.

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Color

Yxy(52.3403, 0.2525, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	83CADE
RGB	131, 202, 222
RGB Percent	51%, 79%, 87%
CMY	0.4865, 0.2078, 0.1294
CMYK	0.41, 0.09, 0.00, 0.13
HSL	193°, 58%, 69%
HSV	193°, 41%, 87%
XYZ	43.6601, 52.3403, 76.9110
YIQ	183.0510, -48.7360, -8.8320

Conversions

Conversions Part 2

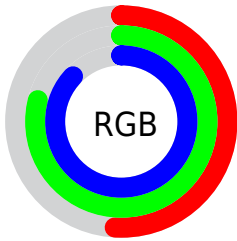
Format	Color
RYB	131, 171, 222
Decimal	8637150
CIELab	77.48, -17.16, -16.94
CIELCh	77, 24.109, 224.633
Yxy	52.3403, 0.2525, 0.3027
Android (android.graphics.Color)	4286827230 (0xFF83CADE)
YUV	183.0510, 19.2019, -45.6487
Hunter-Lab	72.3466, -18.8843, -12.3881

Details

The Yxy color `52.3403, 0.2525, 0.3027` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `39.2843, 0.4071, 0.3532`, and the grayscale version is `47.2919, 0.3127, 0.3290`.

A 20% lighter version of the original color is `89.3048, 0.2736, 0.3289`, and `25.4657, 0.2371, 0.2950` is the 20% darker color. If you saturate the color by 10%, you get `48.5044, 0.2401, 0.2951`, and if you desaturate by 10%, it is `56.6322, 0.2661, 0.3099`.

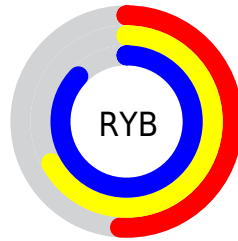
Distribution



Red (51%)

Green (79%)

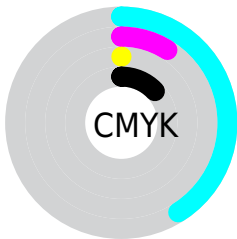
Blue (87%)



Red (51%)

Yellow (67%)

Blue (87%)

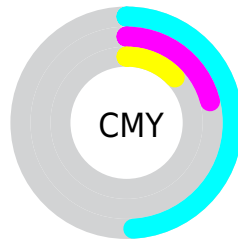


Cyan (41%)

Magenta (9%)

Yellow (0%)

Black (13%)



Cyan (49%)

Magenta (21%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3403, 0.2525, 0.3027 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 52.3403, 0.2525, 0.3027 by changing the saturation by 10% instead.

■ 52.3403, 0.2525,
0.3027

■ 52.3403, 0.2525,
0.3027

■ 395.7490, 0.2813,
0.3161

■ 37.2764, 0.2457,
0.2993

■ 93.6329, 0.2627,
0.3076

■ 25.4216, 0.2372,
0.2949

■ 120.6304, 0.2666,
0.3095

■ 16.3914, 0.2263,
0.2891

■ 152.3746, 0.2699,
0.3110

■ 9.8015, 0.2117,
0.2809

■ 189.2498, 0.2728,
0.3123

■ 5.2676, 0.1916,
0.2689

■ 231.6404, 0.2754,
0.3135

■ 2.4051, 0.1623,
0.2496

■ 279.9309, 0.2776,

■ 0.8285, 0.0977,

0.3145

0.2195

334.5056, 0.2796,
0.3154

0.0000, 0.0000,
0.0000

52.3403, 0.2525,
0.3027

52.3403, 0.2525,
0.3027

48.5044, 0.2401,
0.2951

56.6322, 0.2661,
0.3099

45.0933, 0.2292,
0.2872

61.3970, 0.2807,
0.3166

42.0811, 0.2201,
0.2792

66.6580, 0.2958,
0.3228

39.4357, 0.2129,
0.2710

72.4350, 0.3112,
0.3285

37.1190, 0.2077,
0.2629

78.7466, 0.3265,
0.3336

■ 35.2595, 0.2044,
0.2557

■ 83.8320, 0.3352,
0.3383

■ 86.6031, 0.3346,
0.3431

■ 89.4509, 0.3339,
0.3478

■ 92.3759, 0.3333,
0.3525

Harmonies

Analogous

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



52.3403, 0.2639, 0.3320



52.3403, 0.2525, 0.3027



52.3403, 0.2561, 0.2827

Triad

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



52.3403, 0.2525, 0.3027



52.3403, 0.3359, 0.2987



52.3403, 0.3507, 0.3862

Complementary

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



52.3403, 0.2525, 0.3027



39.2843, 0.4071, 0.3532

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.



52.3403, 0.3720, 0.3733



52.3403, 0.2525, 0.3027



52.3403, 0.3635, 0.3231

Square

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



52.3403, 0.2525, 0.3027



52.3403, 0.3029, 0.2817



52.3403, 0.3769, 0.3500



52.3403, 0.3198, 0.3828

Rectangle

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



52.3403, 0.2525, 0.3027



52.3403, 0.2667, 0.2765



52.3403, 0.3769, 0.3500



52.3403, 0.3592, 0.3835

Sweetspot

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



52.3423, 0.2525, 0.3027



90.4388, 0.2941, 0.3222



59.2907, 0.2958, 0.4273



19.1483, 0.2921, 0.3214



0.0000, 0.0000, 0.0000



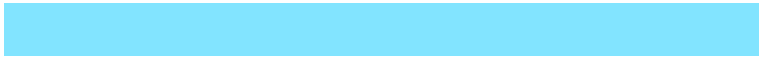
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3423, 0.2525, 0.3027



67.2164, 0.2420, 0.2964



34.1261, 0.2424, 0.2394



15.0349, 0.2982, 0.3237



21.1134, 0.2047, 0.2569



1.5913, 0.2082, 0.2693

Inverse Universe

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



36.0157, 0.3368, 0.2481



42.8158, 0.3433, 0.2327



56.7412, 0.3849, 0.4044



13.8814, 0.3171, 0.3109



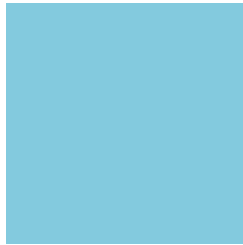
11.0395, 0.3854, 0.1897



0.7781, 0.3735, 0.1831

Previews

White Background



This preview shows how the Yxy color 52.3403, 0.2525, 0.3027 looks on a white background.

Color Contrast Check

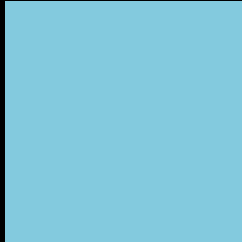
Large Text (above 18pt) WCAG AA × Fail

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 52.3403, 0.2525, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

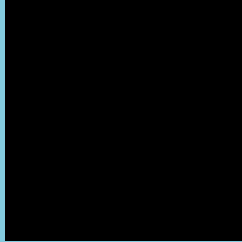
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3403, 0.2525, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 52.3403, 0.2525, 0.3027.



This preview shows how white text looks on a background with the Yxy color 52.3403, 0.2525, 0.3027.

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

52.3403, 0.2525, 0.3027

Protanopia

51.8150, 0.2928, 0.2985

Deuteranopia

51.7605, 0.2889, 0.2827



Tritanopia

52.5722, 0.2538, 0.3078

Trichromacy



Original Color

52.3403, 0.2525, 0.3027

Protanomaly

51.8088, 0.2765, 0.3000

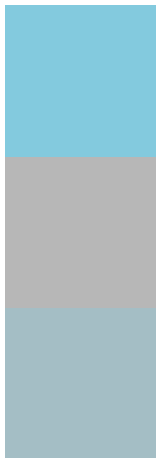
Deuteranomaly

51.6271, 0.2740, 0.2894

Tritanomaly

52.6250, 0.2533, 0.3065

Monochromacy



Original Color

52.3403, 0.2525, 0.3027

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.7506, 0.2873, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3403, 0.2525, 0.3027 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(131, 202, 222)` looks like.

```
.text, #text, p{  
    color:rgb(131, 202, 222)  
}
```

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(131, 202, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 202, 222) }
```

Border

The CSS property to change the border of an element to Yxy 52.3403, 0.2525, 0.3027 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(131, 202, 222) }
```

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

```
.border{ border-color:rgb(131, 202, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 202, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 202, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 202, 222); box-shadow:4px 4px 4px 4px rgb(131, 202, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3403, 0.2525, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 202, 222) }
```

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

```
.background{ background-color: rgb(131,  
202, 222) }
```

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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