

Converting Colors

$Y_{xy}(42.1777, 0.2627, 0.3194)$

Have a look what the booklet for
Yxy(42.1777, 0.2627, 0.3194)
contains.

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Color

Yxy(42.2838, 0.2631, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	7CB8BE
RGB	124, 184, 190
RGB Percent	49%, 72%, 75%
CMY	0.5135, 0.2785, 0.2548
CMYK	0.35, 0.03, 0.00, 0.25
HSL	185°, 34%, 62%
HSV	185°, 35%, 75%
XYZ	34.7544, 42.2838, 55.0574
YIQ	166.7440, -37.6860, -10.8540

Conversions

Conversions Part 2

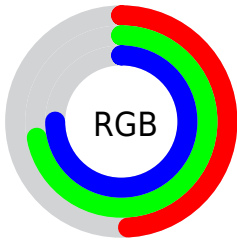
Format	Color
RYB	124, 155, 190
Decimal	8173758
CIELab	71.07, -17.74, -9.22
CIElCh	71, 19.997, 207.464
Yxy	42.2838, 0.2631, 0.3201
Android (android.graphics.Color)	4286363838 (0xFF7CB8BE)
YUV	166.7440, 11.4652, -37.4865
Hunter-Lab	65.0260, -18.3928, -4.6826

Details

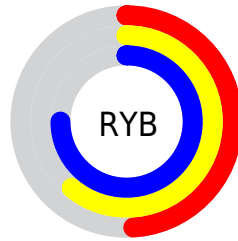
The Yxy color **42.2838, 0.2631, 0.3201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.3947, 0.3909, 0.3376**, and the grayscale version is **38.4762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5577, 0.2723, 0.3222**, and **19.3783, 0.2488, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **40.2854, 0.2512, 0.3172**, and if you desaturate by 10%, it is **44.5672, 0.2763, 0.3229**.

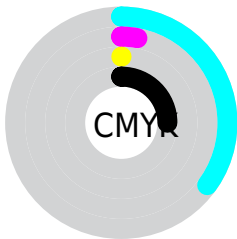
Distribution



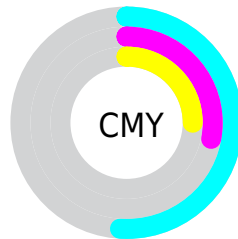
- Red (49%)
- Green (72%)
- Blue (75%)



- Red (49%)
- Yellow (61%)
- Blue (75%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)





- Cyan (51%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2838, 0.2631, 0.3201 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 42.2838, 0.2631, 0.3201 by changing the saturation by 10% instead.


 42.2838, 0.2631,
0.3201

 42.2838, 0.2631,
0.3201


355.6581, 0.2879,
0.3251

 29.3236, 0.2569,
0.3187


 78.6290, 0.2721,
0.3220

 19.3257, 0.2490,
0.3168


 102.7827, 0.2755,
0.3227

 11.9059, 0.2385,
0.3141


 131.4364, 0.2784,
0.3233

 6.6796, 0.2239,
0.3100

164.9744, 0.2808,
0.3238

 3.2626, 0.2024,
0.3031

203.7812, 0.2830,
0.3242

 1.2703, 0.1671,
0.2902

248.2412, 0.2848,

 0.1180, 0.0000,

0.3245

0.1324

298.7386, 0.2865,
0.3248

0.0000, 0.0000,
0.0000

42.2838, 0.2631,
0.3201

42.2838, 0.2631,
0.3201

40.2854, 0.2512,
0.3172

44.5672, 0.2763,
0.3229

38.5514, 0.2409,
0.3141

47.1451, 0.2905,
0.3255

37.0659, 0.2323,
0.3110

50.0327, 0.3055,
0.3279

35.8095, 0.2257,
0.3079

53.2426, 0.3209,
0.3301

34.7597, 0.2209,
0.3047

56.7867, 0.3365,
0.3321

■ 33.8892, 0.2179,
0.3017

■ 60.6763, 0.3520,
0.3339

■ 33.4721, 0.2167,
0.3000

■ 64.5274, 0.3656,
0.3355

■ 65.3165, 0.3652,
0.3373

■ 66.1146, 0.3647,
0.3391

Harmonies

Analogous

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



42.2838, 0.2804, 0.3477



42.2838, 0.2631, 0.3201



42.2838, 0.2585, 0.2968

Triad

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



42.2838, 0.2631, 0.3201



42.2838, 0.3167, 0.2920



42.2838, 0.3590, 0.3750

Complementary

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



42.2838, 0.2631, 0.3201



28.3947, 0.3909, 0.3376

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.



42.2838, 0.3700, 0.3576



42.2838, 0.2631, 0.3201



42.2838, 0.3450, 0.3107

Square

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



42.2838, 0.2631, 0.3201



42.2838, 0.2884, 0.2821



42.2838, 0.3649, 0.3342



42.2838, 0.3356, 0.3804

Rectangle

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



42.2838, 0.2631, 0.3201



42.2838, 0.2631, 0.2866



42.2838, 0.3649, 0.3342



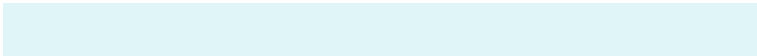
42.2838, 0.3643, 0.3703

Sweetspot

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



42.2855, 0.2631, 0.3201



87.7224, 0.2973, 0.3266



42.7257, 0.3042, 0.4228



19.1016, 0.2951, 0.3263



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.2855, 0.2631, 0.3201



73.6813, 0.2535, 0.3178



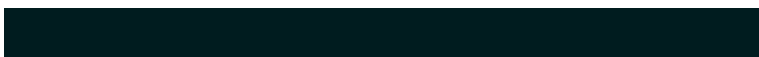
30.3157, 0.2565, 0.2703



10.6563, 0.2985, 0.3268



22.3116, 0.2168, 0.3004



0.9180, 0.2188, 0.3078

Inverse Universe

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



28.8394, 0.3229, 0.2510



45.7865, 0.3257, 0.2338



38.4366, 0.3758, 0.3812



9.6808, 0.3151, 0.3084



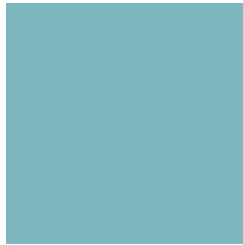
9.2821, 0.3450, 0.1674



0.3680, 0.3386, 0.1639

Previews

White Background



This preview shows how the Yxy color 42.2838, 0.2631, 0.3201 looks on a white background.

Color Contrast Check

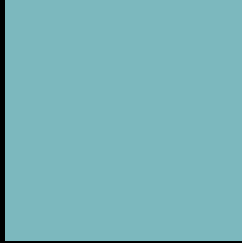
Large Text (above 18pt) WCAG AA × Fail

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 42.2838, 0.2631, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

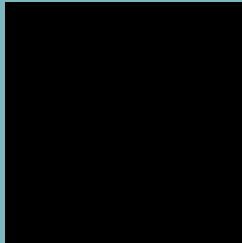
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

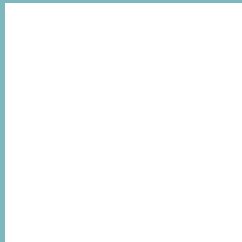
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2838, 0.2631, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 42.2838, 0.2631, 0.3201.



This preview shows how white text looks on a background with the Yxy color 42.2838, 0.2631, 0.3201.

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

42.2838, 0.2631, 0.3201

Protanopia

41.9226, 0.3055, 0.3142

Deuteranopia

42.0499, 0.3035, 0.2977



Tritanopia

42.3798, 0.2592, 0.3075

Trichromacy



Original Color

42.2838, 0.2631, 0.3201

Protanomaly

41.6638, 0.2881, 0.3150

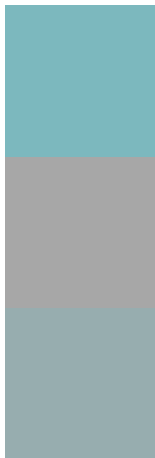
Deuteranomaly

41.5515, 0.2867, 0.3044

Tritanomaly

42.1671, 0.2604, 0.3116

Monochromacy



Original Color

42.2838, 0.2631, 0.3201

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.5616, 0.2921, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2838, 0.2631, 0.3201 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(124, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(124, 184, 190)  
}
```

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(124, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 184, 190) }
```

Border

The CSS property to change the border of an element to Yxy 42.2838, 0.2631, 0.3201 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(124, 184, 190) }
```

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

```
.border{ border-color:rgb(124, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(124, 184,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2838, 0.2631, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 184, 190) }
```

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

```
.background{ background-color: rgb(124,  
184, 190) }
```

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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