

Converting Colors

$Y_{xy}(43.1965, 0.2626, 0.3397)$

Have a look what the booklet for
Yxy(43.1965, 0.2626, 0.3397)
contains.

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Color

Yxy(43.2833, 0.2622, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	71BDB6
RGB	113, 189, 182
RGB Percent	44%, 74%, 71%
CMY	0.5569, 0.2588, 0.2864
CMYK	0.40, 0.00, 0.04, 0.26
HSL	174°, 37%, 59%
HSV	174°, 40%, 74%
XYZ	33.4479, 43.2833, 50.8352
YIQ	165.4780, -43.0490, -18.2890

Conversions

Conversions Part 2

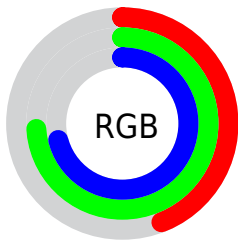
Format	Color
RYB	113, 153, 189
Decimal	7454134
CIELab	71.75, -25.21, -3.87
CIELCh	72, 25.509, 188.719
Yxy	43.2833, 0.2622, 0.3393
Android (android.graphics.Color)	4285644214 (0xFF71BDB6)
YUV	165.4780, 8.1453, -46.0232
Hunter-Lab	65.7900, -24.3825, 0.2403

Details

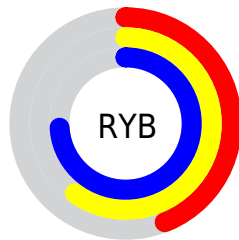
The Yxy color **43.2833, 0.2622, 0.3393** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.9841, 0.4034, 0.3195**, and the grayscale version is **37.8429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4094, 0.2712, 0.3379**, and **19.8125, 0.2477, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **42.0876, 0.2528, 0.3423**, and if you desaturate by 10%, it is **44.7444, 0.2731, 0.3365**.

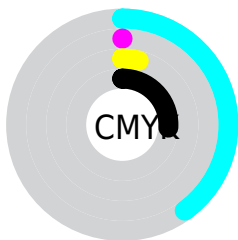
Distribution



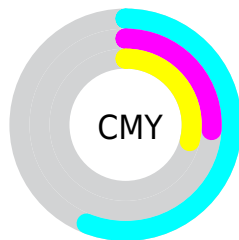
- Red (44%)
- Green (74%)
- Blue (71%)



- Red (44%)
- Yellow (60%)
- Blue (74%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)





- Cyan (56%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2833, 0.2622, 0.3393 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 43.2833, 0.2622, 0.3393 by changing the saturation by 10% instead.


 43.2833, 0.2622,
0.3393


 43.2833, 0.2622,
0.3393


359.7755, 0.2875,
0.3344

 30.1075, 0.2559,
0.3404


 80.1382, 0.2714,
0.3376

 19.9202, 0.2478,
0.3418


 104.5860, 0.2748,
0.3369

 12.3370, 0.2370,
0.3436


 133.5600, 0.2778,
0.3364

 6.9736, 0.2221,
0.3458

167.4445, 0.2803,
0.3359

 3.4456, 0.2000,
0.3487

206.6239, 0.2824,
0.3354

 1.3686, 0.1603,
0.3536

251.4826, 0.2843,

 0.1934, 0.0000,

0.3351

0.2868

302.4050, 0.2860,
0.3347

■ 0.0000, 0.0000,
0.0000

■ 43.2833, 0.2622,
0.3393

■ 43.2833, 0.2622,
0.3393

■ 42.0876, 0.2528,
0.3423

■ 44.7444, 0.2731,
0.3365

■ 41.1357, 0.2452,
0.3454

■ 46.4806, 0.2853,
0.3338

■ 40.4113, 0.2394,
0.3485


■ 48.5076, 0.2985,
0.3313

■ 39.8937, 0.2355,
0.3516


■ 50.8380, 0.3124,
0.3290


■ 39.5583, 0.2334,
0.3548

■ 53.4842, 0.3267,
0.3270

 39.3591, 0.2327,
0.3578

 56.4574, 0.3413,
0.3252

 59.7686, 0.3558,
0.3236

 61.6422, 0.3624,
0.3219

 61.7223, 0.3610,
0.3201

Harmonies

Analogous

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



43.2833, 0.2916, 0.3727



43.2833, 0.2622, 0.3393



43.2833, 0.2465, 0.3050

Triad

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



43.2833, 0.2622, 0.3393



43.2833, 0.2945, 0.2737



43.2833, 0.3822, 0.3740

Complementary

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



43.2833, 0.2622, 0.3393



23.9841, 0.4034, 0.3195

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.



43.2833, 0.3839, 0.3463



43.2833, 0.2622, 0.3393



43.2833, 0.3315, 0.2905

Square

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



43.2833, 0.2622, 0.3393



43.2833, 0.2642, 0.2696



43.2833, 0.3649, 0.3164



43.2833, 0.3612, 0.3919

Rectangle

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



43.2833, 0.2622, 0.3393



43.2833, 0.2451, 0.2870



43.2833, 0.3649, 0.3164



43.2833, 0.3851, 0.3654

Sweetspot

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



43.2850, 0.2622, 0.3393



86.1110, 0.2958, 0.3318



41.6260, 0.3127, 0.4488



18.4127, 0.2941, 0.3321



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.2850, 0.2622, 0.3393



75.6554, 0.2541, 0.3418



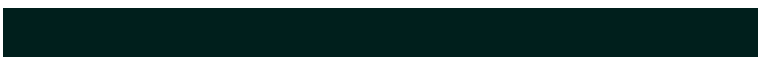
31.8435, 0.2507, 0.2819



10.7939, 0.2997, 0.3311



26.4856, 0.2326, 0.3574



1.0420, 0.2305, 0.3499

Inverse Universe

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



23.9841, 0.4034, 0.3195



36.4715, 0.4339, 0.3177



31.7760, 0.3955, 0.3712



9.5503, 0.3274, 0.3269



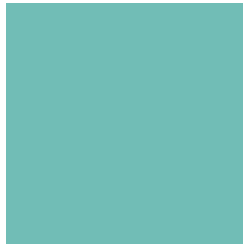
7.3127, 0.6280, 0.3233



0.2913, 0.5877, 0.3011

Previews

White Background



This preview shows how the Yxy color 43.2833, 0.2622, 0.3393 looks on a white background.

Color Contrast Check

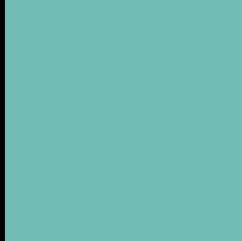
Large Text (above 18pt) WCAG AA × Fail

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 43.2833, 0.2622, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

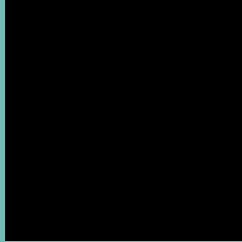
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

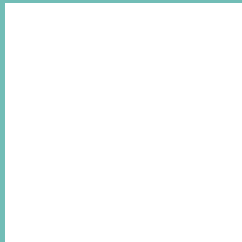
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2833, 0.2622, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 43.2833, 0.2622, 0.3393.

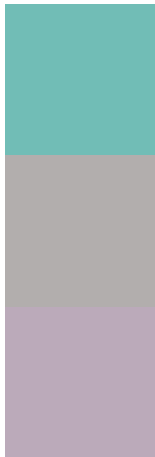


This preview shows how white text looks on a background with the Yxy color 43.2833, 0.2622, 0.3393.

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

43.2833, 0.2622, 0.3393

Protanopia

42.7542, 0.3171, 0.3304

Deuteranopia

42.8594, 0.3146, 0.3083



Tritanopia

43.1864, 0.2532, 0.3074

Trichromacy



Original Color

43.2833, 0.2622, 0.3393

Protanomaly

42.2448, 0.2941, 0.3332

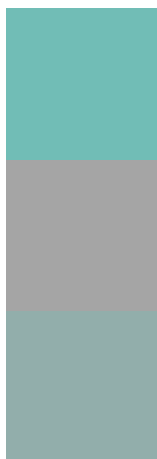
Deuteranomaly

42.4206, 0.2921, 0.3179

Tritanomaly

43.1487, 0.2564, 0.3187

Monochromacy



Original Color

43.2833, 0.2622, 0.3393

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.3234, 0.2911, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2833, 0.2622, 0.3393 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(113, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(113, 189, 182)  
}
```

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(113, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 189, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.2833, 0.2622, 0.3393 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(113, 189, 182) }
```

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

```
.border{ border-color:rgb(113, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(113, 189,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2833, 0.2622, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 189, 182) }
```

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

```
.background{ background-color: rgb(113,  
189, 182) }
```

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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