

Converting Colors

$Yxy(44.8884, 0.2626, 0.3397)$

Have a look what the booklet for
Yxy(44.8884, 0.2626, 0.3397)
contains.

Yxy(44.8469, 0.2622, 0.3391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.8469, 0.2622, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	73C0B9
RGB	115, 192, 185
RGB Percent	45%, 75%, 73%
CMY	0.5490, 0.2470, 0.2745
CMYK	0.40, 0.00, 0.04, 0.25
HSL	175°, 38%, 60%
HSV	175°, 40%, 75%
XYZ	34.6767, 44.8469, 52.7292
YIQ	168.1790, -43.6450, -18.5010

Conversions

Conversions Part 2

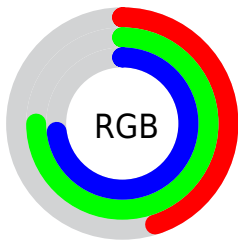
Format	Color
RYB	115, 155, 192
Decimal	7585977
CIELab	72.79, -25.44, -3.97
CIElCh	73, 25.752, 188.869
Yxy	44.8469, 0.2622, 0.3391
Android (android.graphics.Color)	4285776057 (0xFF73C0B9)
YUV	168.1790, 8.2928, -46.6380
Hunter-Lab	66.9678, -24.7645, 0.1937

Details

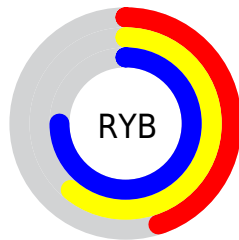
The Yxy color **44.8469, 0.2622, 0.3391** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.8733, 0.4033, 0.3196**, and the grayscale version is **39.2256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6483, 0.2711, 0.3378**, and **20.8036, 0.2479, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **43.6065, 0.2528, 0.3420**, and if you desaturate by 10%, it is **46.3628, 0.2732, 0.3363**.

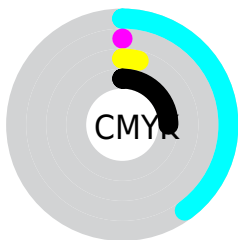
Distribution



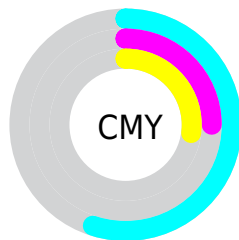
- Red (45%)
- Green (75%)
- Blue (73%)



- Red (45%)
- Yellow (61%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (55%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8469, 0.2622, 0.3391 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 44.8469, 0.2622, 0.3391 by changing the saturation by 10% instead.


 44.8469, 0.2622,
0.3391


 44.8469, 0.2622,
0.3391


366.1531, 0.2873,
0.3344

 31.3369, 0.2560,
0.3402

 82.4906, 0.2713,
0.3374

 20.8555, 0.2480,
0.3415


 107.3931, 0.2747,
0.3368

 13.0184, 0.2375,
0.3432


 136.8618, 0.2776,
0.3363

 7.4412, 0.2229,
0.3453

171.2812, 0.2801,
0.3358

 3.7395, 0.2016,
0.3480

211.0356, 0.2823,
0.3354

 1.5290, 0.1666,
0.3514

256.5095, 0.2842,

 0.3090, 0.0000,

0.3350

308.0872, 0.2859,
0.3346

0.3348

0.0000, 0.0000,
0.0000

44.8469, 0.2622,
0.3391

44.8469, 0.2622,
0.3391

43.6065, 0.2528,
0.3420

46.3628, 0.2732,
0.3363

42.6194, 0.2451,
0.3451

48.1644, 0.2854,
0.3337

41.8684, 0.2393,
0.3481

50.2679, 0.2986,
0.3313


41.3321, 0.2353,
0.3512


52.6865, 0.3126,
0.3290


40.9850, 0.2333,
0.3543

55.4329, 0.3269,
0.3270

 40.7785, 0.2326,
0.3573

 58.5190, 0.3415,
0.3252

 61.9559, 0.3561,
0.3236

 63.0829, 0.3592,
0.3219

 63.1644, 0.3578,
0.3201

Harmonies

Analogous

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



44.8469, 0.2914, 0.3724



44.8469, 0.2622, 0.3391



44.8469, 0.2466, 0.3049

Triad

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



44.8469, 0.2622, 0.3391



44.8469, 0.2947, 0.2739



44.8469, 0.3820, 0.3740

Complementary

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



44.8469, 0.2622, 0.3391



24.8733, 0.4033, 0.3196

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.



44.8469, 0.3837, 0.3464



44.8469, 0.2622, 0.3391



44.8469, 0.3316, 0.2907

Square

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



44.8469, 0.2622, 0.3391



44.8469, 0.2644, 0.2697



44.8469, 0.3649, 0.3165



44.8469, 0.3609, 0.3918

Rectangle

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



44.8469, 0.2622, 0.3391



44.8469, 0.2453, 0.2870



44.8469, 0.3649, 0.3165



44.8469, 0.3849, 0.3655

Sweetspot

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



44.8487, 0.2622, 0.3391



90.2372, 0.2958, 0.3317



43.1276, 0.3127, 0.4485



19.2479, 0.2940, 0.3321



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.



44.8487, 0.2622, 0.3391



79.2826, 0.2539, 0.3416



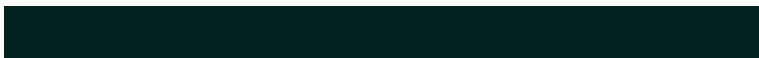
33.0111, 0.2508, 0.2820



11.4122, 0.2996, 0.3311



27.4444, 0.2325, 0.3569



1.1905, 0.2306, 0.3501

Inverse Universe

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



24.8733, 0.4033, 0.3196



38.1756, 0.4343, 0.3179



32.9412, 0.3953, 0.3712



10.0924, 0.3275, 0.3269



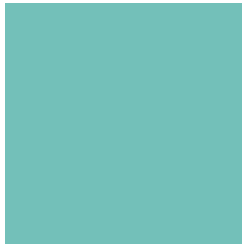
7.5741, 0.6284, 0.3236



0.3324, 0.5909, 0.3029

Previews

White Background



This preview shows how the Yxy color 44.8469, 0.2622, 0.3391 looks on a white background.

Color Contrast Check

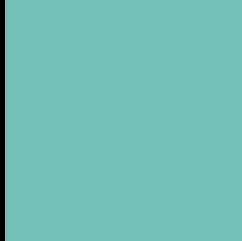
Large Text (above 18pt) WCAG AA × Fail

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 44.8469, 0.2622, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

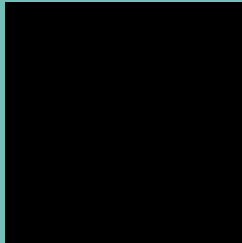
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

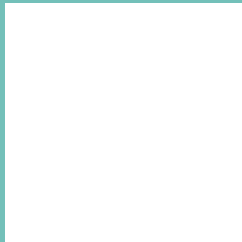
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8469, 0.2622, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 44.8469, 0.2622, 0.3391.

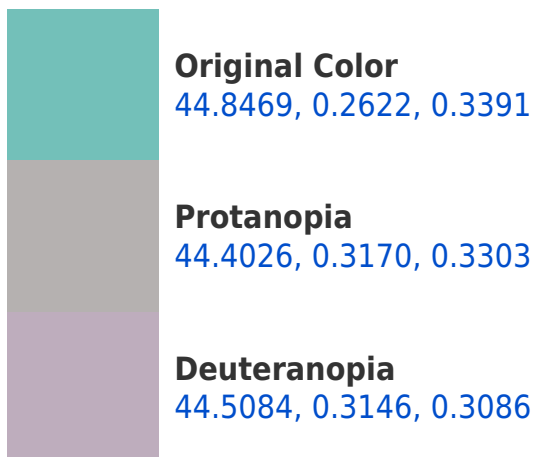


This preview shows how white text looks on a background with the Yxy color 44.8469, 0.2622, 0.3391.

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

44.7479, 0.2534, 0.3077

Trichromacy



Original Color

44.8469, 0.2622, 0.3391

Protanomaly

43.8787, 0.2943, 0.3331

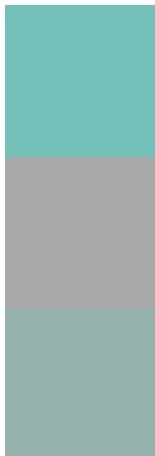
Deuteranomaly

44.0599, 0.2924, 0.3181

Tritanomaly

44.7097, 0.2565, 0.3188

Monochromacy



Original Color

44.8469, 0.2622, 0.3391

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.8898, 0.2914, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8469, 0.2622, 0.3391 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(115, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(115, 192, 185)  
}
```

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(115, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 192, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.8469, 0.2622, 0.3391 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(115, 192, 185) }
```

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

```
.border{ border-color:rgb(115, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(115, 192,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8469, 0.2622, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 192, 185) }
```

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

```
.background{ background-color: rgb(115,  
192, 185) }
```

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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