

Converting Colors

$Yxy(44.4339, 0.2793, 0.3659)$

Have a look what the booklet for
Yxy(44.4339, 0.2793, 0.3659)
contains.

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Color

Yxy(44.2999, 0.2796, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	7CBFA6
RGB	124, 191, 166
RGB Percent	49%, 75%, 65%
CMY	0.5138, 0.2510, 0.3490
CMYK	0.35, 0.00, 0.13, 0.25
HSL	158°, 34%, 62%
HSV	158°, 35%, 75%
XYZ	33.8237, 44.2999, 42.8482
YIQ	168.1170, -31.9070, -21.9790

Conversions

Conversions Part 2

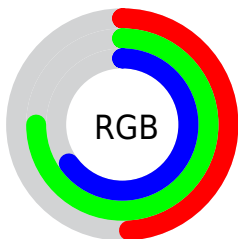
Format	Color
RYB	124, 165, 191
Decimal	8175526
CIELab	72.43, -26.84, 5.90
CIELCh	72, 27.477, 167.598
Yxy	44.2999, 0.2796, 0.3662
Android (android.graphics.Color)	4286365606 (0xFF7CBFA6)
YUV	168.1170, -1.0437, -38.6906
Hunter-Lab	66.5582, -25.7661, 8.4215

Details

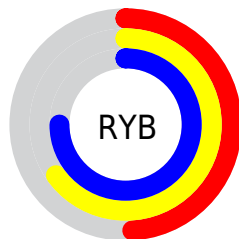
The Yxy color $44.2999, 0.2796, 0.3662$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $27.6558, 0.3640, 0.2950$, and the grayscale version is $39.2339, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9390, 0.2861, 0.3595$, and $20.4458, 0.2694, 0.3778$ is the 20% darker color. If you saturate the color by 10%, you get $42.7598, 0.2720, 0.3790$, and if you desaturate by 10%, it is $46.1337, 0.2883, 0.3544$.

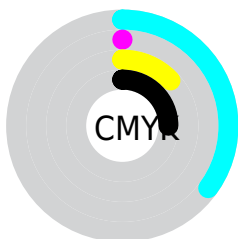
Distribution



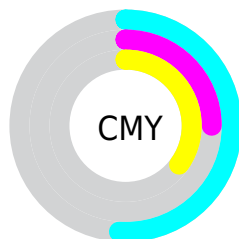
- Red (49%)
- Green (75%)
- Blue (65%)



- Red (49%)
- Yellow (65%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (51%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2999, 0.2796, 0.3662 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 44.2999, 0.2796, 0.3662 by changing the saturation by 10% instead.


 44.2999, 0.2796,
0.3662


 44.2999, 0.2796,
0.3662


363.9307, 0.2965,
0.3470


 30.9063, 0.2753,
0.3712


 81.6688, 0.2858,
0.3591

 20.5275, 0.2697,
0.3777


 106.4130, 0.2881,
0.3565

 12.7791, 0.2621,
0.3866

 135.7095, 0.2901,
0.3542

 7.2766, 0.2513,
0.3995

169.9427, 0.2917,
0.3524

 3.6357, 0.2348,
0.4198

209.4970, 0.2932,
0.3507

 1.4719, 0.2030,
0.4578

254.7569, 0.2944,

 0.2688, 0.0000,

0.3493

1.0000

306.1066, 0.2955,
0.3481

■ 0.0000, 0.0000,
0.0000

■ 44.2999, 0.2796,
0.3662

■ 44.2999, 0.2796,
0.3662

■ 42.7598, 0.2720,
0.3790

■ 46.1337, 0.2883,
0.3544

■ 41.4919, 0.2658,
0.3925

■ 48.2706, 0.2977,
0.3435

■ 40.4799, 0.2612,
0.4065

■ 50.7264, 0.3076,
0.3336


■ 39.7039, 0.2585,
0.4209


■ 53.5142, 0.3177,
0.3248

■ 39.1408, 0.2578,
0.4353


■ 56.6460, 0.3279,
0.3169


 38.7622, 0.2591,
0.4495

 60.1337, 0.3379,
0.3100

 38.6155, 0.2601,
0.4564

 63.4761, 0.3456,
0.3036

 63.8524, 0.3399,
0.2965

 64.2447, 0.3343,
0.2896

Harmonies

Analogous

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



44.2999, 0.3170, 0.3930



44.2999, 0.2796, 0.3662



44.2999, 0.2522, 0.3285

Triad

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



44.2999, 0.2796, 0.3662



44.2999, 0.2693, 0.2655



44.2999, 0.3907, 0.3565

Complementary

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



44.2999, 0.2796, 0.3662



27.6558, 0.3640, 0.2950

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.



44.2999, 0.3766, 0.3246



44.2999, 0.2796, 0.3662



44.2999, 0.3045, 0.2742

Square

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



44.2999, 0.2796, 0.3662



44.2999, 0.2466, 0.2719



44.2999, 0.3443, 0.2953



44.2999, 0.3822, 0.3840

Rectangle

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



44.2999, 0.2796, 0.3662



44.2999, 0.2425, 0.3044



44.2999, 0.3443, 0.2953



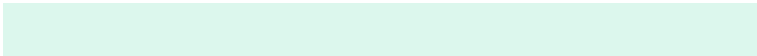
44.2999, 0.3884, 0.3460

Sweetspot

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



44.3017, 0.2796, 0.3662



88.0998, 0.3015, 0.3395



45.1724, 0.3285, 0.4265



19.2165, 0.3002, 0.3409



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.



44.3017, 0.2796, 0.3662



77.2009, 0.2737, 0.3758



41.9895, 0.2623, 0.3175



10.7475, 0.3033, 0.3377



25.3914, 0.2596, 0.4545



1.0069, 0.2502, 0.4208

Inverse Universe

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



27.6558, 0.3640, 0.2950



43.0080, 0.3801, 0.2876



28.9793, 0.3913, 0.3400



9.5936, 0.3231, 0.3205



7.5946, 0.5458, 0.2780



0.3103, 0.4801, 0.2419

Previews

White Background



This preview shows how the Yxy color 44.2999, 0.2796, 0.3662 looks on a white background.

Color Contrast Check

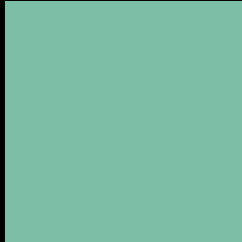
Large Text (above 18pt) WCAG AA × Fail

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 44.2999, 0.2796, 0.3662 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 44.2999, 0.2796, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 44.2999, 0.2796, 0.3662.



This preview shows how white text looks on a background with the Yxy color 44.2999, 0.2796, 0.3662.

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

44.2999, 0.2796, 0.3662

Protanopia

43.7096, 0.3350, 0.3531

Deuteranopia

43.7639, 0.3365, 0.3304



Tritanopia

44.2404, 0.2618, 0.3079

Trichromacy



Original Color

44.2999, 0.2796, 0.3662

Protanomaly

43.3023, 0.3122, 0.3572

Deuteranomaly

43.2514, 0.3130, 0.3414

Tritanomaly

44.2644, 0.2683, 0.3289

Monochromacy



Original Color

44.2999, 0.2796, 0.3662

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.5161, 0.2992, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2999, 0.2796, 0.3662 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, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(124, 191, 166)  
}
```

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, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 191, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.2999, 0.2796, 0.3662 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, 191, 166) }
```

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

```
.border{ border-color:rgb(124, 191, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 191, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 191, 166);  
box-shadow:4px 4px 4px 4px rgb(124, 191,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2999, 0.2796, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 191, 166) }
```

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

```
.background{ background-color: rgb(124,  
191, 166) }
```

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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