

Converting Colors

$Yxy(43.9233, 0.2856, 0.4004)$

Have a look what the booklet for
Yxy(43.9233, 0.2856, 0.4004)
contains.

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Color

Yxy(43.8239, 0.2856, 0.4002)

Conversions

Conversions Part 1

Format	Color
Hex	72C193
RGB	114, 193, 147
RGB Percent	45%, 76%, 58%
CMY	0.5529, 0.2431, 0.4236
CMYK	0.41, 0.00, 0.24, 0.24
HSL	145°, 39%, 60%
HSV	145°, 41%, 76%
XYZ	31.2746, 43.8239, 34.4065
YIQ	164.1350, -32.3180, -31.0540

Conversions

Conversions Part 2

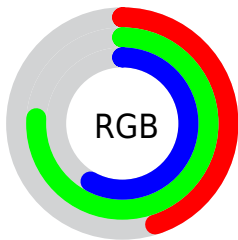
Format	Color
RYB	114, 170, 193
Decimal	7520659
CIELab	72.11, -34.60, 15.69
CIElCh	72, 37.991, 155.607
Yxy	43.8239, 0.2856, 0.4002
Android (android.graphics.Color)	4285710739 (0xFF72C193)
YUV	164.1350, -8.4476, -43.9684
Hunter-Lab	66.1996, -31.5207, 15.5245

Details

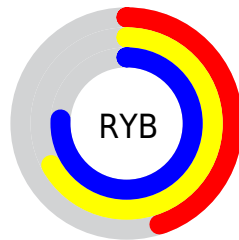
The Yxy color **43.8239, 0.2856, 0.4002** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.9120, 0.3552, 0.2679**, and the grayscale version is **37.2447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0233, 0.2912, 0.3862**, and **20.2704, 0.2765, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **42.3292, 0.2807, 0.4216**, and if you desaturate by 10%, it is **45.6297, 0.2915, 0.3802**.

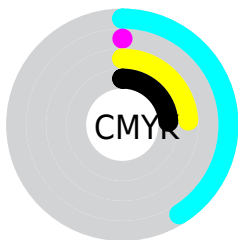
Distribution



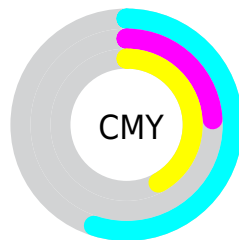
- Red (45%)
- Green (76%)
- Blue (58%)



- Red (45%)
- Yellow (67%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)




- Cyan (55%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8239, 0.2856, 0.4002 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 43.8239, 0.2856, 0.4002 by changing the saturation by 10% instead.


 43.8239, 0.2856,
0.4002


 43.8239, 0.2856,
0.4002


361.9892, 0.3001,
0.3626


 30.5321, 0.2817,
0.4103


 80.9527, 0.2911,
0.3860

 20.2428, 0.2764,
0.4236


 105.5585, 0.2931,
0.3809

 12.5717, 0.2690,
0.4421


 134.7043, 0.2948,
0.3766

 7.1343, 0.2580,
0.4695

168.7747, 0.2962,
0.3729

 3.5462, 0.2400,
0.5134

208.1540, 0.2974,
0.3698

 1.4231, 0.1939,
0.6423

253.2266, 0.2984,

 0.2337, 0.0000,

0.3671

1.0000

304.3768, 0.2993,
0.3647

0.0000, 0.0000,
0.0000

43.8239, 0.2856,
0.4002

43.8239, 0.2856,
0.4002

42.3292, 0.2807,
0.4216

45.6297, 0.2915,
0.3802

41.1220, 0.2772,
0.4440

47.7581, 0.2980,
0.3618

40.1838, 0.2753,
0.4668

50.2262, 0.3049,
0.3452


39.4913, 0.2753,
0.4891

53.0487, 0.3121,
0.3303

39.0173, 0.2771,
0.5103


56.2392, 0.3192,
0.3171

 38.7298, 0.2800,
0.5279

 59.8105, 0.3261,
0.3056

 63.7749, 0.3329,
0.2954

 65.5124, 0.3289,
0.2851

 66.1901, 0.3205,
0.2745

Harmonies

Analogous

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



43.8239, 0.3386, 0.4265



43.8239, 0.2856, 0.4002



43.8239, 0.2422, 0.3491

Triad

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



43.8239, 0.2856, 0.4002



43.8239, 0.2387, 0.2439



43.8239, 0.4171, 0.3471

Complementary

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



43.8239, 0.2856, 0.4002



25.9120, 0.3552, 0.2679

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.



43.8239, 0.3859, 0.3054



43.8239, 0.2856, 0.4002



43.8239, 0.2800, 0.2485

Square

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



43.8239, 0.2856, 0.4002



43.8239, 0.2174, 0.2596



43.8239, 0.3340, 0.2705



43.8239, 0.4168, 0.3884

Rectangle

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



43.8239, 0.2856, 0.4002



43.8239, 0.2239, 0.3128



43.8239, 0.3340, 0.2705



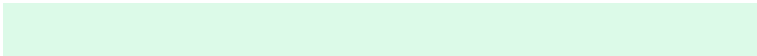
43.8239, 0.4100, 0.3329

Sweetspot

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



43.8257, 0.2856, 0.4002



89.3617, 0.3041, 0.3471



46.8396, 0.3439, 0.4398



19.0411, 0.3031, 0.3493



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.



43.8257, 0.2856, 0.4002



76.0929, 0.2812, 0.4191



45.2828, 0.2610, 0.3385



11.3270, 0.3060, 0.3427



25.7736, 0.2793, 0.5255



1.1273, 0.2667, 0.4801

Inverse Universe

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



25.9120, 0.3552, 0.2679



39.7139, 0.3684, 0.2553



24.7434, 0.4069, 0.3203



10.1741, 0.3200, 0.3157



8.3415, 0.4594, 0.2304



0.3739, 0.4205, 0.2090

Previews

White Background



This preview shows how the Yxy color 43.8239, 0.2856, 0.4002 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 43.8239, 0.2856, 0.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

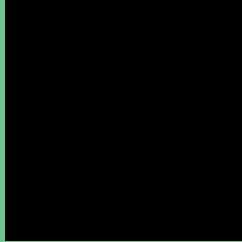
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8239, 0.2856, 0.4002

Background



This preview shows how black text looks on a background with the Yxy color 43.8239, 0.2856, 0.4002.

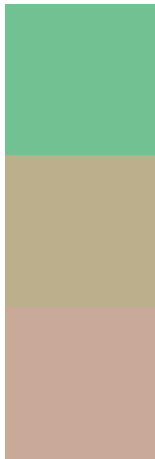


This preview shows how white text looks on a background with the Yxy color 43.8239, 0.2856, 0.4002.

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

43.8239, 0.2856, 0.4002

Protanopia

43.4795, 0.3542, 0.3786

Deuteranopia

43.0604, 0.3581, 0.3509



Tritanopia

43.7705, 0.2580, 0.3077

Trichromacy



Original Color

43.8239, 0.2856, 0.4002

Protanomaly

42.8825, 0.3254, 0.3865

Deuteranomaly

42.4778, 0.3277, 0.3683

Tritanomaly

43.8690, 0.2684, 0.3406

Monochromacy



Original Color

43.8239, 0.2856, 0.4002

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

39.2396, 0.3012, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8239, 0.2856, 0.4002 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(114, 193, 147)` looks like.

```
.text, #text, p{  
    color:rgb(114, 193, 147)  
}
```

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(114, 193, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 193, 147) }
```

Border

The CSS property to change the border of an element to Yxy 43.8239, 0.2856, 0.4002 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(114, 193, 147) }
```

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

```
.border{ border-color:rgb(114, 193, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 193, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 193, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 193, 147);  
box-shadow:4px 4px 4px 4px rgb(114, 193,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8239, 0.2856, 0.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 193, 147) }
```

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

```
.background{ background-color: rgb(114,  
193, 147) }
```

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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