

Converting Colors

$Y_{xy}(43.6590, 0.2856, 0.3781)$

Have a look what the booklet for
Yxy(43.6590, 0.2856, 0.3781)
contains.

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Color

Yxy(43.6555, 0.2855, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	7DBE9E
RGB	125, 190, 158
RGB Percent	49%, 75%, 62%
CMY	0.5098, 0.2549, 0.3803
CMYK	0.34, 0.00, 0.17, 0.25
HSL	150°, 33%, 62%
HSV	150°, 34%, 75%
XYZ	33.0425, 43.6555, 39.0376
YIQ	166.9170, -28.4680, -23.7320

Conversions

Conversions Part 2

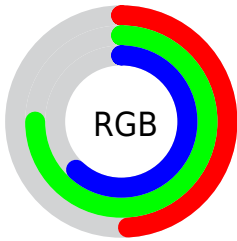
Format	Color
RYB	125, 168, 190
Decimal	8240798
CIELab	72.00, -27.73, 9.64
CIELCh	72, 29.355, 160.832
Yxy	43.6555, 0.2855, 0.3772
Android (android.graphics.Color)	4286430878 (0xFF7DBE9E)
YUV	166.9170, -4.3961, -36.7612
Hunter-Lab	66.0723, -26.3593, 11.2202

Details

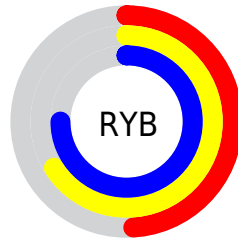
The Yxy color **43.6555, 0.2855, 0.3772** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.0476, 0.3530, 0.2857**, and the grayscale version is **38.6339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9093, 0.2903, 0.3678**, and **20.0863, 0.2768, 0.3913** is the 20% darker color. If you saturate the color by 10%, you get **42.0516, 0.2790, 0.3943**, and if you desaturate by 10%, it is **45.5610, 0.2929, 0.3614**.

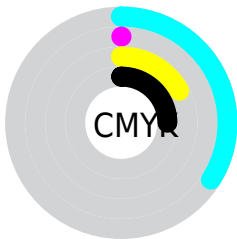
Distribution



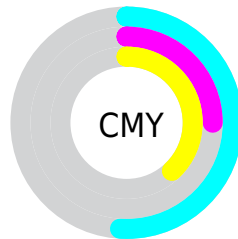
- Red (49%)
- Green (75%)
- Blue (62%)



- Red (49%)
- Yellow (66%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)





- Cyan (51%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6555, 0.2855, 0.3772 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 43.6555, 0.2855, 0.3772 by changing the saturation by 10% instead.

 43.6555, 0.2855,
0.3772


 43.6555, 0.2855,
0.3772


361.3006, 0.2996,
0.3520


 30.3998, 0.2818,
0.3838


 80.6991, 0.2908,
0.3678

 20.1422, 0.2769,
0.3926


 105.2558, 0.2927,
0.3643

 12.4985, 0.2703,
0.4046


 134.3482, 0.2943,
0.3615

 7.0841, 0.2606,
0.4223

168.3608, 0.2957,
0.3590

 3.5148, 0.2454,
0.4504

207.6779, 0.2969,
0.3569

 1.4060, 0.2119,
0.5087

252.6840, 0.2979,

 0.2212, 0.0000,

0.3551

1.0000

303.7634, 0.2988,
0.3535

0.0000, 0.0000,
0.0000

43.6555, 0.2855,
0.3772

43.6555, 0.2855,
0.3772

42.0516, 0.2790,
0.3943

45.5610, 0.2929,
0.3614

40.7278, 0.2737,
0.4125

47.7776, 0.3009,
0.3470

39.6680, 0.2700,
0.4314

50.3211, 0.3092,
0.3340

38.8524, 0.2681,
0.4507

53.2046, 0.3176,
0.3225

38.2580, 0.2681,
0.4698


56.4402, 0.3260,
0.3122

 37.8573, 0.2701,
0.4881

 60.0398, 0.3342,
0.3032

 37.6824, 0.2718,
0.4984

 63.4414, 0.3397,
0.2951

 63.9612, 0.3323,
0.2860

 64.5093, 0.3252,
0.2771

Harmonies

Analogous

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



43.6555, 0.3266, 0.4015



43.6555, 0.2855, 0.3772



43.6555, 0.2532, 0.3376

Triad

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



43.6555, 0.2855, 0.3772



43.6555, 0.2593, 0.2613



43.6555, 0.3952, 0.3505

Complementary

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



43.6555, 0.2855, 0.3772



28.0476, 0.3530, 0.2857

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.



43.6555, 0.3749, 0.3166



43.6555, 0.2855, 0.3772



43.6555, 0.2945, 0.2672

Square

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



43.6555, 0.2855, 0.3772



43.6555, 0.2390, 0.2716



43.6555, 0.3371, 0.2870



43.6555, 0.3913, 0.3818

Rectangle

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



43.6555, 0.2855, 0.3772



43.6555, 0.2402, 0.3106



43.6555, 0.3371, 0.2870



43.6555, 0.3909, 0.3391

Sweetspot

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



43.6573, 0.2855, 0.3772



88.3711, 0.3042, 0.3416



45.5276, 0.3346, 0.4218



19.2646, 0.3030, 0.3435



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.



43.6573, 0.2855, 0.3772



76.8926, 0.2806, 0.3898



44.9061, 0.2649, 0.3289



10.7283, 0.3049, 0.3405



25.0715, 0.2711, 0.4961



0.9953, 0.2590, 0.4525

Inverse Universe

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



28.0476, 0.3530, 0.2857



44.3544, 0.3654, 0.2761



27.0943, 0.3921, 0.3292



9.6125, 0.3213, 0.3178



7.8265, 0.4967, 0.2510



0.3198, 0.4438, 0.2218

Previews

White Background



This preview shows how the Yxy color 43.6555, 0.2855, 0.3772 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 43.6555, 0.2855, 0.3772 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 43.6555, 0.2855, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 43.6555, 0.2855, 0.3772.



This preview shows how white text looks on a background with the Yxy color 43.6555, 0.2855, 0.3772.

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

43.6555, 0.2855, 0.3772

Protanopia

43.1762, 0.3431, 0.3627

Deuteranopia

43.3639, 0.3458, 0.3394



Tritanopia

43.4728, 0.2640, 0.3079

Trichromacy



Original Color

43.6555, 0.2855, 0.3772

Protanomaly

42.7290, 0.3196, 0.3673

Deuteranomaly

42.6754, 0.3205, 0.3512

Tritanomaly

43.4038, 0.2719, 0.3318

Monochromacy



Original Color

43.6555, 0.2855, 0.3772

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.0157, 0.3016, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6555, 0.2855, 0.3772 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(125, 190, 158)` looks like.

```
.text, #text, p{  
    color:rgb(125, 190, 158)  
}
```

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(125, 190, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 190, 158) }
```

Border

The CSS property to change the border of an element to Yxy 43.6555, 0.2855, 0.3772 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(125, 190, 158) }
```

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

```
.border{ border-color:rgb(125, 190, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 190, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 190, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 190, 158);  
box-shadow:4px 4px 4px 4px rgb(125, 190,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6555, 0.2855, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 190, 158) }
```

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

```
.background{ background-color: rgb(125,  
190, 158) }
```

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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