

Converting Colors

$Yxy(43.3069, 0.2799, 0.3704)$

Have a look what the booklet for
Yxy(43.3069, 0.2799, 0.3704)
contains.

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Color

Yxy(43.5005, 0.2801, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	79BEA2
RGB	121, 190, 162
RGB Percent	47%, 75%, 64%
CMY	0.5256, 0.2549, 0.3648
CMYK	0.36, 0.00, 0.15, 0.25
HSL	156°, 35%, 61%
HSV	156°, 36%, 75%
XYZ	32.8158, 43.5005, 40.8410
YIQ	166.1770, -32.1360, -23.3360

Conversions

Conversions Part 2

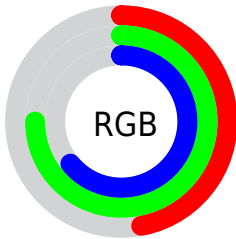
Format	Color
RYB	121, 164, 190
Decimal	7978658
CIELab	71.89, -28.08, 7.30
CIElCh	72, 29.018, 165.422
Yxy	43.5005, 0.2801, 0.3713
Android (android.graphics.Color)	4286168738 (0xFF79BEA2)
YUV	166.1770, -2.0593, -39.6202
Hunter-Lab	65.9549, -26.6087, 9.4545

Details

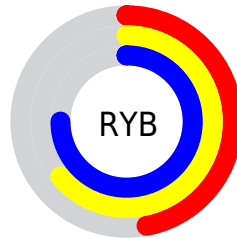
The Yxy color **43.5005, 0.2801, 0.3713** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.7861, 0.3636, 0.2908**, and the grayscale version is **38.2423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7614, 0.2865, 0.3633**, and **19.9631, 0.2701, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **41.9965, 0.2730, 0.3854**, and if you desaturate by 10%, it is **45.2952, 0.2883, 0.3582**.

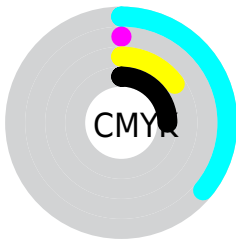
Distribution



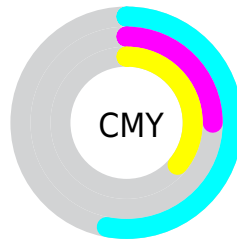
- Red (47%)
- Green (75%)
- Blue (64%)



- Red (47%)
- Yellow (64%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)




- Cyan (53%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5005, 0.2801, 0.3713 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 43.5005, 0.2801, 0.3713 by changing the saturation by 10% instead.


 43.5005, 0.2801,
0.3713


 43.5005, 0.2801,
0.3713


360.6660, 0.2969,
0.3493


 30.2780, 0.2758,
0.3771


 80.4656, 0.2863,
0.3631

 20.0497, 0.2701,
0.3847


 104.9770, 0.2886,
0.3601

 12.4312, 0.2625,
0.3951


 134.0201, 0.2905,
0.3576

 7.0380, 0.2514,
0.4102

167.9794, 0.2922,
0.3554

 3.4859, 0.2344,
0.4343

207.2393, 0.2936,
0.3536

 1.3904, 0.1965,
0.4829

252.1841, 0.2948,

 0.2096, 0.0000,

0.3520

1.0000

303.1982, 0.2959,
0.3506

0.0000, 0.0000,
0.0000

43.5005, 0.2801,
0.3713

43.5005, 0.2801,
0.3713

41.9965, 0.2730,
0.3854

45.2952, 0.2883,
0.3582

40.7616, 0.2672,
0.4003

47.3903, 0.2972,
0.3462

39.7798, 0.2632,
0.4158

49.8013, 0.3066,
0.3353

39.0307, 0.2610,
0.4316

52.5414, 0.3163,
0.3256

38.4910, 0.2608,
0.4473

55.6226, 0.3259,
0.3169

■ 38.1303, 0.2625,
0.4626

■ 59.0568, 0.3355,
0.3092

■ 38.0208, 0.2634,
0.4682

■ 62.8549, 0.3449,
0.3024

■ 63.4564, 0.3395,
0.2948

■ 63.8838, 0.3334,
0.2873

Harmonies

Analogous

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



43.5005, 0.3201, 0.3985



43.5005, 0.2801, 0.3713



43.5005, 0.2501, 0.3312

Triad

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



43.5005, 0.2801, 0.3713



43.5005, 0.2644, 0.2618



43.5005, 0.3953, 0.3554

Complementary

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



43.5005, 0.2801, 0.3713



26.7861, 0.3636, 0.2908

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.



43.5005, 0.3787, 0.3218



43.5005, 0.2801, 0.3713



43.5005, 0.3009, 0.2700

Square

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



43.5005, 0.2801, 0.3713



43.5005, 0.2417, 0.2696



43.5005, 0.3432, 0.2914



43.5005, 0.3878, 0.3853

Rectangle

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



43.5005, 0.2801, 0.3713



43.5005, 0.2391, 0.3052



43.5005, 0.3432, 0.2914



43.5005, 0.3924, 0.3443

Sweetspot

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



43.5023, 0.2801, 0.3713



88.0474, 0.3020, 0.3404



44.6703, 0.3309, 0.4297



19.2037, 0.3007, 0.3419



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.



43.5023, 0.2801, 0.3713



76.5030, 0.2740, 0.3830



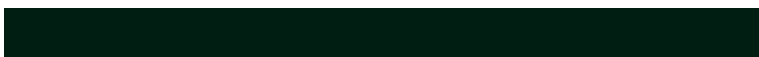
42.1689, 0.2612, 0.3205



10.7422, 0.3038, 0.3385



25.2946, 0.2628, 0.4662



1.0035, 0.2527, 0.4295

Inverse Universe

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



26.7861, 0.3636, 0.2908



41.5695, 0.3809, 0.2820



27.4359, 0.3963, 0.3372



9.5988, 0.3226, 0.3197



7.6515, 0.5325, 0.2707



0.3127, 0.4699, 0.2362

Previews

White Background



This preview shows how the Yxy color 43.5005, 0.2801, 0.3713 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 43.5005, 0.2801, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

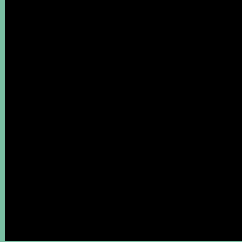
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5005, 0.2801, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 43.5005, 0.2801, 0.3713.

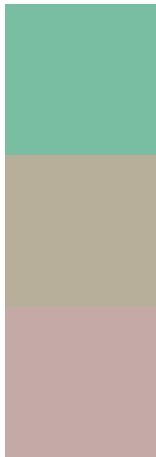


This preview shows how white text looks on a background with the Yxy color 43.5005, 0.2801, 0.3713.

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

43.5005, 0.2801, 0.3713

Protanopia

43.0603, 0.3377, 0.3574

Deuteranopia

42.8649, 0.3405, 0.3330



Tritanopia

43.6139, 0.2610, 0.3078

Trichromacy



Original Color

43.5005, 0.2801, 0.3713

Protanomaly

42.5504, 0.3138, 0.3618

Deuteranomaly

42.5959, 0.3154, 0.3456

Tritanomaly

43.5978, 0.2681, 0.3303

Monochromacy



Original Color

43.5005, 0.2801, 0.3713

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.8606, 0.2991, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5005, 0.2801, 0.3713 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(121, 190, 162)` looks like.

```
.text, #text, p{  
    color:rgb(121, 190, 162)  
}
```

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(121, 190, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 190, 162) }
```

Border

The CSS property to change the border of an element to Yxy 43.5005, 0.2801, 0.3713 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(121, 190, 162) }
```

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

```
.border{ border-color:rgb(121, 190, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 190, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 190, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 190, 162);  
box-shadow:4px 4px 4px 4px rgb(121, 190,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5005, 0.2801, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 190, 162) }
```

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

```
.background{ background-color: rgb(121,  
190, 162) }
```

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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