

Converting Colors

$Yxy(43.3343, 0.2715, 0.3528)$

Have a look what the booklet for
Yxy(43.3343, 0.2715, 0.3528)
contains.

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Color

Yxy(43.3343, 0.2715, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	77BDAD
RGB	119, 189, 173
RGB Percent	47%, 74%, 68%
CMY	0.5334, 0.2588, 0.3215
CMYK	0.37, 0.00, 0.08, 0.26
HSL	166°, 35%, 60%
HSV	166°, 37%, 74%
XYZ	33.3482, 43.3343, 46.1471
YIQ	166.2460, -36.5840, -19.8160

Conversions

Conversions Part 2

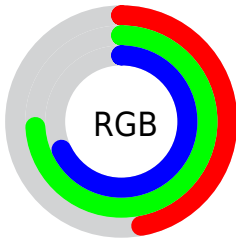
Format	Color
RYB	119, 159, 189
Decimal	7847341
CIELab	71.78, -25.71, 1.12
CIElCh	72, 25.738, 177.514
Yxy	43.3343, 0.2715, 0.3528
Android (android.graphics.Color)	4286037421 (0xFF77BDAD)
YUV	166.2460, 3.3297, -41.4347
Hunter-Lab	65.8288, -24.7740, 4.5169

Details

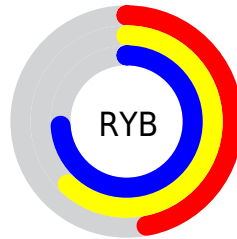
The Yxy color **43.3343, 0.2715, 0.3528** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.7607, 0.3808, 0.3070**, and the grayscale version is **38.2558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5116, 0.2795, 0.3493**, and **19.8667, 0.2593, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **41.9647, 0.2628, 0.3604**, and if you desaturate by 10%, it is **44.9787, 0.2815, 0.3456**.

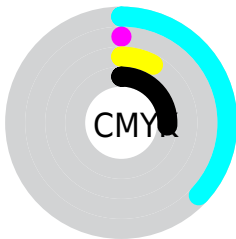
Distribution



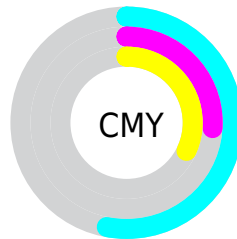
- Red (47%)
- Green (74%)
- Blue (68%)



- Red (47%)
- Yellow (62%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (26%)




- Cyan (53%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3343, 0.2715, 0.3528 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 43.3343, 0.2715, 0.3528 by changing the saturation by 10% instead.


 43.3343, 0.2715,
0.3528


 43.3343, 0.2715,
0.3528


359.9848, 0.2923,
0.3407

 30.1475, 0.2662,
0.3559

 80.2151, 0.2791,
0.3484

 19.9506, 0.2594,
0.3599


 104.6779, 0.2820,
0.3467

 12.3591, 0.2503,
0.3652


 133.6681, 0.2844,
0.3453

 6.9887, 0.2375,
0.3728

167.5702, 0.2864,
0.3441

 3.4551, 0.2182,
0.3844

206.7685, 0.2882,
0.3431

 1.3737, 0.1811,
0.4065

251.6474, 0.2897,

 0.1972, 0.0000,

0.3422

0.5907

302.5914, 0.2911,
0.3414

0.0000, 0.0000,
0.0000

43.3343, 0.2715,
0.3528

43.3343, 0.2715,
0.3528

41.9647, 0.2628,
0.3604

44.9787, 0.2815,
0.3456

40.8488, 0.2556,
0.3684

46.9073, 0.2925,
0.3390

39.9707, 0.2502,
0.3766


49.1353, 0.3042,
0.3329


39.3106, 0.2467,
0.3850


51.6753, 0.3163,
0.3274


38.8453, 0.2452,
0.3934


54.5395, 0.3287,
0.3225


 38.5429, 0.2454,
0.4018

 57.7389, 0.3411,
0.3181

 38.4669, 0.2456,
0.4042

 61.2844, 0.3533,
0.3142

 62.1889, 0.3528,
0.3100

 62.4037, 0.3492,
0.3056

Harmonies

Analogous

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



43.3343, 0.3047, 0.3827



43.3343, 0.2715, 0.3528



43.3343, 0.2500, 0.3170

Triad

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



43.3343, 0.2715, 0.3528



43.3343, 0.2817, 0.2701



43.3343, 0.3859, 0.3646

Complementary

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



43.3343, 0.2715, 0.3528



25.7607, 0.3808, 0.3070

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.



43.3343, 0.3796, 0.3350



43.3343, 0.2715, 0.3528



43.3343, 0.3175, 0.2826

Square

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



43.3343, 0.2715, 0.3528



43.3343, 0.2556, 0.2713



43.3343, 0.3540, 0.3057



43.3343, 0.3714, 0.3873

Rectangle

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



43.3343, 0.2715, 0.3528



43.3343, 0.2444, 0.2961



43.3343, 0.3540, 0.3057



43.3343, 0.3862, 0.3551

Sweetspot

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



43.3360, 0.2715, 0.3528



86.2808, 0.2993, 0.3354



42.9070, 0.3204, 0.4354



18.4379, 0.2977, 0.3362



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3360, 0.2715, 0.3528



75.6873, 0.2647, 0.3586



36.4711, 0.2576, 0.3008



10.7712, 0.3014, 0.3343



25.8926, 0.2453, 0.4032



1.0235, 0.2398, 0.3832

Inverse Universe

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



25.7607, 0.3808, 0.3070



39.8906, 0.4022, 0.3025



30.2319, 0.3919, 0.3552



9.5711, 0.3253, 0.3238



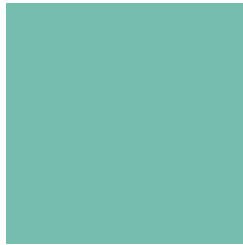
7.4073, 0.5968, 0.3062



0.3005, 0.5283, 0.2684

Previews

White Background



This preview shows how the Yxy color 43.3343, 0.2715, 0.3528 looks on a white background.

Color Contrast Check

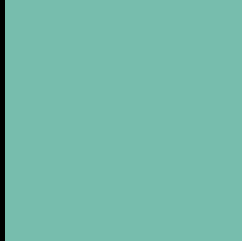
Large Text (above 18pt) WCAG AA × Fail

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 43.3343, 0.2715, 0.3528 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

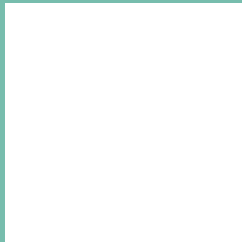
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3343, 0.2715, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 43.3343, 0.2715, 0.3528.



This preview shows how white text looks on a background with the Yxy color 43.3343, 0.2715, 0.3528.

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

43.3343, 0.2715, 0.3528

Protanopia

42.8125, 0.3266, 0.3411

Deuteranopia

43.0001, 0.3259, 0.3200



Tritanopia

43.3037, 0.2584, 0.3076

Trichromacy



Original Color

43.3343, 0.2715, 0.3528

Protanomaly

42.3365, 0.3035, 0.3445

Deuteranomaly

42.5782, 0.3032, 0.3304

Tritanomaly

43.0465, 0.2628, 0.3231

Monochromacy



Original Color

43.3343, 0.2715, 0.3528

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.5262, 0.2951, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3343, 0.2715, 0.3528 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(119, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(119, 189, 173)  
}
```

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(119, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 189, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.3343, 0.2715, 0.3528 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(119, 189, 173) }
```

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

```
.border{ border-color:rgb(119, 189, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(119, 189,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3343, 0.2715, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 189, 173) }
```

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

```
.background{ background-color: rgb(119,  
189, 173) }
```

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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