

Converting Colors

$Yxy(43.0714, 0.2773, 0.3553)$

Have a look what the booklet for
Yxy(43.0714, 0.2773, 0.3553)
contains.

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Color

Yxy(43.2287, 0.2773, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	7DBCAA
RGB	125, 188, 170
RGB Percent	49%, 74%, 67%
CMY	0.5097, 0.2628, 0.3333
CMYK	0.33, 0.00, 0.10, 0.26
HSL	163°, 32%, 61%
HSV	163°, 33%, 74%
XYZ	33.7006, 43.2287, 44.6020
YIQ	167.1110, -31.7700, -18.9540

Conversions

Conversions Part 2

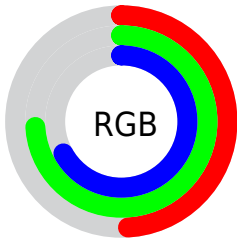
Format	Color
RYB	125, 162, 188
Decimal	8240298
CIELab	71.71, -24.17, 2.69
CIELCh	72, 24.318, 173.651
Yxy	43.2287, 0.2773, 0.3557
Android (android.graphics.Color)	4286430378 (0xFF7DBCAA)
YUV	167.1110, 1.4243, -36.9313
Hunter-Lab	65.7485, -23.5664, 5.8033

Details

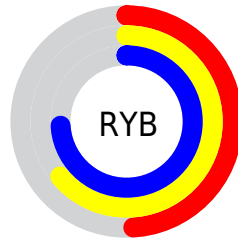
The Yxy color $43.2287, 0.2773, 0.3557$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $27.3512, 0.3674, 0.3042$, and the grayscale version is $38.7096, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.7213, 0.2837, 0.3505$, and $19.7747, 0.2668, 0.3628$ is the 20% darker color. If you saturate the color by 10%, you get $41.7473, 0.2686, 0.3652$, and if you desaturate by 10%, it is $44.9898, 0.2871, 0.3469$.

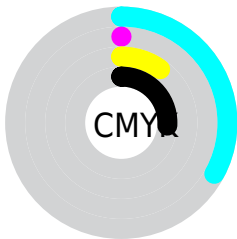
Distribution



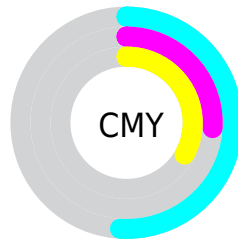
- Red (49%)
- Green (74%)
- Blue (67%)



- Red (49%)
- Yellow (64%)
- Blue (74%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)





- Cyan (51%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2287, 0.2773, 0.3557 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 43.2287, 0.2773, 0.3557 by changing the saturation by 10% instead.


 43.2287, 0.2773,
0.3557

 43.2287, 0.2773,
0.3557


359.5515, 0.2953,
0.3420


 30.0646, 0.2727,
0.3592


 80.0559, 0.2839,
0.3507

 19.8876, 0.2668,
0.3638


 104.4877, 0.2864,
0.3488

 12.3134, 0.2588,
0.3700


 133.4443, 0.2884,
0.3472

 6.9575, 0.2475,
0.3790

167.3099, 0.2902,
0.3459

 3.4355, 0.2304,
0.3928

206.4691, 0.2917,
0.3447

 1.3631, 0.1974,
0.4191

251.3061, 0.2931,

 0.1893, 0.0000,

0.3437

0.9127

302.2054, 0.2942,
0.3428

0.0000, 0.0000,
0.0000

43.2287, 0.2773,
0.3557

43.2287, 0.2773,
0.3557

41.7473, 0.2686,
0.3652

44.9898, 0.2871,
0.3469

40.5250, 0.2614,
0.3752

47.0392, 0.2976,
0.3388

39.5468, 0.2558,
0.3856


49.3919, 0.3088,
0.3314

38.7939, 0.2521,
0.3963

52.0602, 0.3202,
0.3248


38.2449, 0.2503,
0.4071


55.0555, 0.3317,
0.3188


 37.8738, 0.2505,
0.4178

 58.3890, 0.3431,
0.3136

 37.6944, 0.2513,
0.4247

 61.7598, 0.3529,
0.3089

 62.0281, 0.3485,
0.3034

 62.3053, 0.3441,
0.2981

Harmonies

Analogous

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



43.2287, 0.3097, 0.3822



43.2287, 0.2773, 0.3557



43.2287, 0.2551, 0.3220

Triad

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



43.2287, 0.2773, 0.3557



43.2287, 0.2795, 0.2725



43.2287, 0.3823, 0.3595

Complementary

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



43.2287, 0.2773, 0.3557



27.3512, 0.3674, 0.3042

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.



43.2287, 0.3737, 0.3311



43.2287, 0.2773, 0.3557



43.2287, 0.3127, 0.2827

Square

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



43.2287, 0.2773, 0.3557



43.2287, 0.2564, 0.2756



43.2287, 0.3476, 0.3037



43.2287, 0.3710, 0.3822

Rectangle

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



43.2287, 0.2773, 0.3557



43.2287, 0.2484, 0.3015



43.2287, 0.3476, 0.3037



43.2287, 0.3817, 0.3503

Sweetspot

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



43.2305, 0.2773, 0.3557



86.6112, 0.3013, 0.3362



43.3692, 0.3234, 0.4228



18.5005, 0.2997, 0.3373



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.



43.2305, 0.2773, 0.3557



76.3765, 0.2710, 0.3624



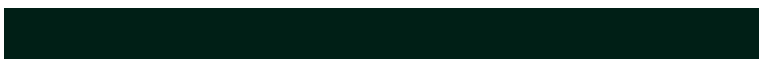
38.8111, 0.2634, 0.3103



10.7618, 0.3022, 0.3356



25.6786, 0.2509, 0.4233



1.0166, 0.2439, 0.3979

Inverse Universe

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



27.3512, 0.3674, 0.3042



43.2961, 0.3845, 0.2988



30.2430, 0.3839, 0.3468



9.5800, 0.3245, 0.3225



7.4700, 0.5784, 0.2960



0.3043, 0.5079, 0.2571

Previews

White Background



This preview shows how the Yxy color 43.2287, 0.2773, 0.3557 looks on a white background.

Color Contrast Check

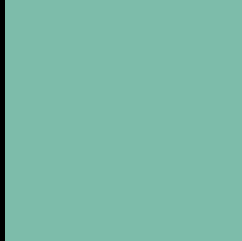
Large Text (above 18pt) WCAG AA × Fail

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 43.2287, 0.2773, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

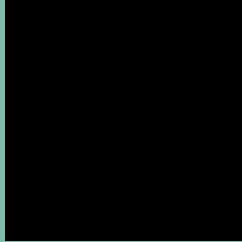
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2287, 0.2773, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 43.2287, 0.2773, 0.3557.



This preview shows how white text looks on a background with the Yxy color 43.2287, 0.2773, 0.3557.

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

43.2287, 0.2773, 0.3557

Protanopia

42.7402, 0.3283, 0.3439

Deuteranopia

42.6384, 0.3296, 0.3226



Tritanopia

43.3100, 0.2627, 0.3078

Trichromacy



Original Color

43.2287, 0.2773, 0.3557

Protanomaly

42.5704, 0.3076, 0.3473

Deuteranomaly

42.3926, 0.3082, 0.3331

Tritanomaly

42.9959, 0.2678, 0.3245

Monochromacy



Original Color

43.2287, 0.2773, 0.3557

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.1625, 0.2984, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2287, 0.2773, 0.3557 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, 188, 170)` looks like.

```
.text, #text, p{  
    color:rgb(125, 188, 170)  
}
```

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, 188, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 188, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.2287, 0.2773, 0.3557 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, 188, 170) }
```

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

```
.border{ border-color:rgb(125, 188, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 188, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 188, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 188, 170);  
box-shadow:4px 4px 4px 4px rgb(125, 188,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2287, 0.2773, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 188, 170) }
```

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

```
.background{ background-color: rgb(125,  
188, 170) }
```

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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