

Converting Colors

$Yxy(44.0372, 0.2754, 0.3653)$

Have a look what the booklet for
Yxy(44.0372, 0.2754, 0.3653)
contains.

Yxy(43.9736, 0.2757, 0.3650)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9736, 0.2757, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	77BFA7
RGB	119, 191, 167
RGB Percent	47%, 75%, 65%
CMY	0.5332, 0.2510, 0.3452
CMYK	0.38, 0.00, 0.13, 0.25
HSL	160°, 36%, 61%
HSV	160°, 38%, 75%
XYZ	33.2151, 43.9736, 43.2869
YIQ	166.7360, -35.2080, -22.7280

Conversions

Conversions Part 2

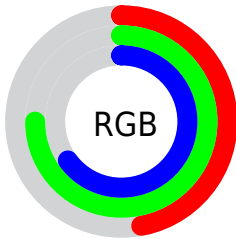
Format	Color
RYB	119, 162, 191
Decimal	7847847
CIELab	72.21, -28.04, 5.03
CIElCh	72, 28.483, 169.834
Yxy	43.9736, 0.2757, 0.3650
Android (android.graphics.Color)	4286037927 (0xFF77BFA7)
YUV	166.7360, 0.1302, -41.8645
Hunter-Lab	66.3126, -26.6387, 7.7161

Details

The Yxy color **43.9736, 0.2757, 0.3650** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.2622, 0.3728, 0.2963**, and the grayscale version is **38.5241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4074, 0.2828, 0.3585**, and **20.2874, 0.2648, 0.3760** is the 20% darker color. If you saturate the color by 10%, you get **42.5267, 0.2681, 0.3765**, and if you desaturate by 10%, it is **45.7073, 0.2845, 0.3543**.

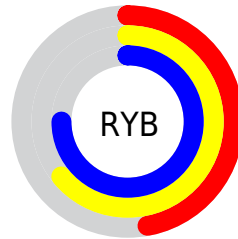
Distribution



Red (47%)

Green (75%)

Blue (65%)



Red (47%)

Yellow (64%)

Blue (75%)

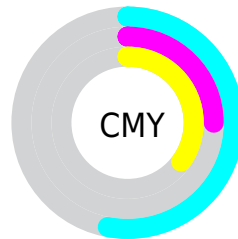


Cyan (38%)

Magenta (0%)

Yellow (13%)

Black (25%)



Cyan (53%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9736, 0.2757, 0.3650 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 43.9736, 0.2757, 0.3650 by changing the saturation by 10% instead.


 43.9736, 0.2757,
0.3650

 43.9736, 0.2757,
0.3650


362.6005, 0.2945,
0.3465

 30.6498, 0.2709,
0.3698


 81.1780, 0.2826,
0.3581

 20.3323, 0.2647,
0.3761


 105.8274, 0.2852,
0.3556

 12.6368, 0.2563,
0.3847


 135.0207, 0.2874,
0.3535

 7.1789, 0.2443,
0.3971

169.1424, 0.2892,
0.3516

 3.5743, 0.2262,
0.4165

208.5768, 0.2908,
0.3501

 1.4384, 0.1896,
0.4541

253.7084, 0.2922,

 0.2448, 0.0000,

0.3487

1.0000

304.9215, 0.2934,
0.3475

0.0000, 0.0000,
0.0000

43.9736, 0.2757,
0.3650

43.9736, 0.2757,
0.3650

42.5267, 0.2681,
0.3765

45.7073, 0.2845,
0.3543

41.3446, 0.2619,
0.3886

47.7376, 0.2942,
0.3444

40.4110, 0.2574,
0.4012


50.0803, 0.3046,
0.3353


39.7051, 0.2549,
0.4139


52.7486, 0.3152,
0.3272


39.2027, 0.2544,
0.4267

55.7549, 0.3260,
0.3199


 38.8684, 0.2558,
0.4393

 59.1108, 0.3367,
0.3135

 38.8009, 0.2562,
0.4422

 62.8276, 0.3472,
0.3078

 63.5826, 0.3439,
0.3015

 63.9228, 0.3388,
0.2952

Harmonies

Analogous

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



43.9736, 0.3140, 0.3943



43.9736, 0.2757, 0.3650



43.9736, 0.2484, 0.3254

Triad

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



43.9736, 0.2757, 0.3650



43.9736, 0.2699, 0.2634



43.9736, 0.3939, 0.3597

Complementary

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



43.9736, 0.2757, 0.3650



26.2622, 0.3728, 0.2963

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.



43.9736, 0.3810, 0.3268



43.9736, 0.2757, 0.3650



43.9736, 0.3072, 0.2735

Square

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



43.9736, 0.2757, 0.3650



43.9736, 0.2454, 0.2687



43.9736, 0.3484, 0.2961



43.9736, 0.3833, 0.3877

Rectangle

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



43.9736, 0.2757, 0.3650



43.9736, 0.2393, 0.3007



43.9736, 0.3484, 0.2961



43.9736, 0.3922, 0.3489

Sweetspot

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



43.9754, 0.2757, 0.3650



88.1624, 0.3009, 0.3384



44.5437, 0.3274, 0.4352



19.2319, 0.2995, 0.3396



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.



43.9754, 0.2757, 0.3650



76.6369, 0.2694, 0.3742



40.4112, 0.2585, 0.3130



10.7539, 0.3028, 0.3368



25.5147, 0.2557, 0.4405



1.0111, 0.2473, 0.4104

Inverse Universe

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



26.2622, 0.3728, 0.2963



40.4826, 0.3921, 0.2894



28.3283, 0.3982, 0.3442



9.5875, 0.3237, 0.3214



7.5341, 0.5610, 0.2864



0.3075, 0.4923, 0.2486

Previews

White Background



This preview shows how the Yxy color 43.9736, 0.2757, 0.3650 looks on a white background.

Color Contrast Check

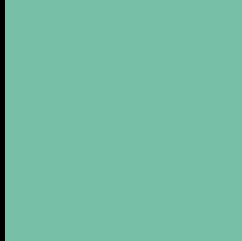
Large Text (above 18pt) WCAG AA × Fail

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 43.9736, 0.2757, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

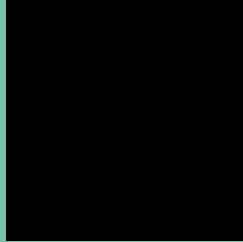
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9736, 0.2757, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 43.9736, 0.2757, 0.3650.

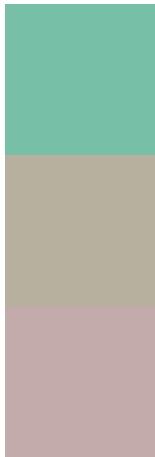


This preview shows how white text looks on a background with the Yxy color 43.9736, 0.2757, 0.3650.

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

43.9736, 0.2757, 0.3650

Protanopia

43.6212, 0.3332, 0.3519

Deuteranopia

43.2918, 0.3349, 0.3278



Tritanopia

43.8469, 0.2587, 0.3077

Trichromacy



Original Color

43.9736, 0.2757, 0.3650

Protanomaly

43.1300, 0.3098, 0.3559

Deuteranomaly

42.9586, 0.3096, 0.3400

Tritanomaly

43.9256, 0.2645, 0.3274

Monochromacy



Original Color

43.9736, 0.2757, 0.3650

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.3247, 0.2975, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9736, 0.2757, 0.3650 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, 191, 167)` looks like.

```
.text, #text, p{  
    color:rgb(119, 191, 167)  
}
```

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, 191, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 191, 167) }
```

Border

The CSS property to change the border of an element to Yxy 43.9736, 0.2757, 0.3650 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, 191, 167) }
```

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

```
.border{ border-color:rgb(119, 191, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 191, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 191, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 191, 167);  
box-shadow:4px 4px 4px 4px rgb(119, 191,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9736, 0.2757, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 191, 167) }
```

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

```
.background{ background-color: rgb(119,  
191, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor