

Converting Colors

$Yxy(44.9884, 0.2947, 0.3599)$

Have a look what the booklet for
Yxy(44.9884, 0.2947, 0.3599)
contains.

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Color

Yxy(44.8675, 0.2946, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	92BCA7
RGB	146, 188, 167
RGB Percent	57%, 74%, 65%
CMY	0.4275, 0.2627, 0.3452
CMYK	0.22, 0.00, 0.11, 0.26
HSL	150°, 24%, 65%
HSV	150°, 22%, 74%
XYZ	36.8086, 44.8675, 43.2682
YIQ	173.0480, -18.2910, -15.4350

Conversions

Conversions Part 2

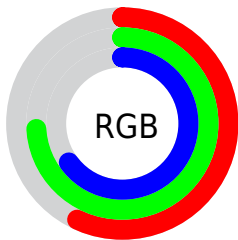
Format	Color
RYB	146, 174, 188
Decimal	9616551
CIELab	72.80, -18.33, 6.07
CIELCh	73, 19.306, 161.668
Yxy	44.8675, 0.2946, 0.3591
Android (android.graphics.Color)	4287806631 (0xFF92BCA7)
YUV	173.0480, -2.9817, -23.7211
Hunter-Lab	66.9832, -19.1313, 8.5895

Details

The Yxy color $44.8675, 0.2946, 0.3591$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.0367, 0.3357, 0.3008$, and the grayscale version is $41.8362, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3928, 0.2984, 0.3531$, and $20.9986, 0.2897, 0.3692$ is the 20% darker color. If you saturate the color by 10%, you get $42.9505, 0.2872, 0.3749$, and if you desaturate by 10%, it is $47.0969, 0.3025, 0.3447$.

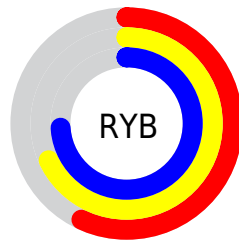
Distribution



Red (57%)

Green (74%)

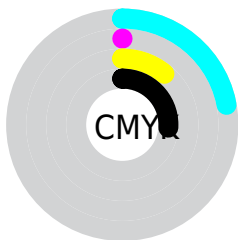
Blue (65%)



Red (57%)

Yellow (68%)

Blue (74%)

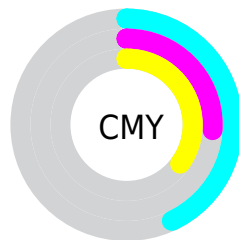


Cyan (22%)

Magenta (0%)

Yellow (11%)

Black (26%)



Cyan (43%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8675, 0.2946, 0.3591 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 44.8675, 0.2946, 0.3591 by changing the saturation by 10% instead.

 44.8675, 0.2946,
0.3591

 44.8675, 0.2946,
0.3591


366.2367, 0.3039,
0.3436

 31.3531, 0.2922,
0.3631


 82.5215, 0.2980,
0.3534

 20.8679, 0.2891,
0.3683


 107.4300, 0.2993,
0.3513

 13.0274, 0.2849,
0.3754


136.9051, 0.3004,
0.3495

 7.4474, 0.2789,
0.3857

171.3315, 0.3013,
0.3480

 3.7435, 0.2695,
0.4017

211.0935, 0.3020,
0.3467

 1.5311, 0.2532,
0.4301

256.5754, 0.3027,

 0.3105, 0.0000,

0.3455

1.0000

308.1616, 0.3033,
0.3445

0.0000, 0.0000,
0.0000

44.8675, 0.2946,
0.3591

44.8675, 0.2946,
0.3591

42.9505, 0.2872,
0.3749

47.0969, 0.3025,
0.3447

41.3259, 0.2806,
0.3921

49.6465, 0.3108,
0.3318

39.9801, 0.2751,
0.4104

52.5308, 0.3191,
0.3203

38.8959, 0.2712,
0.4295

55.7616, 0.3273,
0.3102

38.0544, 0.2689,
0.4491

59.3504, 0.3353,
0.3012

■ 37.4340, 0.2686,
0.4686

■ 62.5816, 0.3400,
0.2930

■ 37.0087, 0.2703,
0.4874

■ 63.1046, 0.3325,
0.2839

■ 36.7771, 0.2725,
0.5011

■ 63.6564, 0.3253,
0.2750

■ 64.2372, 0.3182,
0.2664

Harmonies

Analogous

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



44.8675, 0.3217, 0.3749



44.8675, 0.2946, 0.3591



44.8675, 0.2730, 0.3344

Triad

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



44.8675, 0.2946, 0.3591



44.8675, 0.2781, 0.2838



44.8675, 0.3663, 0.3449

Complementary

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



44.8675, 0.2946, 0.3591



34.0367, 0.3357, 0.3008

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.



44.8675, 0.3536, 0.3220



44.8675, 0.2946, 0.3591



44.8675, 0.3019, 0.2877

Square

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



44.8675, 0.2946, 0.3591



44.8675, 0.2638, 0.2912



44.8675, 0.3297, 0.3015



44.8675, 0.3638, 0.3651

Rectangle

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



44.8675, 0.2946, 0.3591



44.8675, 0.2643, 0.3172



44.8675, 0.3297, 0.3015



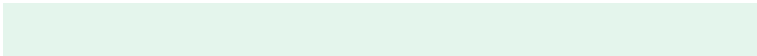
44.8675, 0.3637, 0.3373

Sweetspot

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



44.8694, 0.2946, 0.3591



87.6921, 0.3068, 0.3378



46.3371, 0.3281, 0.3872



18.7984, 0.3063, 0.3386



95.5105, 0.3127, 0.3290



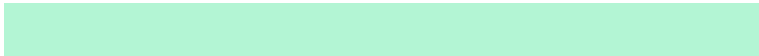
19.5994, 0.3127, 0.3290

Same Dimension

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



44.8694, 0.2946, 0.3591



79.4717, 0.2907, 0.3670



45.6813, 0.2805, 0.3299



10.7270, 0.3050, 0.3407



25.0520, 0.2719, 0.4989



0.9945, 0.2596, 0.4547

Inverse Universe

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



34.0367, 0.3357, 0.3008



56.2407, 0.3424, 0.2940



33.3428, 0.3569, 0.3282



9.6139, 0.3212, 0.3176



7.8456, 0.4932, 0.2491



0.3205, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 44.8675, 0.2946, 0.3591 looks on a white background.

Color Contrast Check

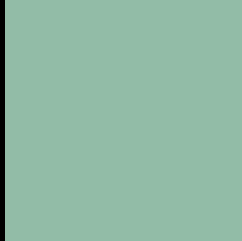
Large Text (above 18pt) WCAG AA × Fail

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 44.8675, 0.2946, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

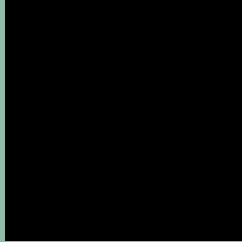
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8675, 0.2946, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 44.8675, 0.2946, 0.3591.



This preview shows how white text looks on a background with the Yxy color 44.8675, 0.2946, 0.3591.

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

44.8675, 0.2946, 0.3591

Protanopia

44.7283, 0.3330, 0.3516

Deuteranopia

44.4131, 0.3382, 0.3316



Tritanopia

45.0336, 0.2772, 0.3099

Trichromacy



Original Color

44.8675, 0.2946, 0.3591

Protanomaly

44.7582, 0.3184, 0.3550

Deuteranomaly

44.2891, 0.3209, 0.3411

Tritanomaly

44.7698, 0.2834, 0.3261

Monochromacy



Original Color

44.8675, 0.2946, 0.3591

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.5676, 0.3054, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8675, 0.2946, 0.3591 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(146, 188, 167)` looks like.

```
.text, #text, p{  
    color:rgb(146, 188, 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(146, 188, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 188, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.8675, 0.2946, 0.3591 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(146, 188, 167) }
```

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

```
.border{ border-color:rgb(146, 188, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 188, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 188, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 188, 167);  
box-shadow:4px 4px 4px 4px rgb(146, 188,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8675, 0.2946, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 188, 167) }
```

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

```
.background{ background-color: rgb(146,  
188, 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](#).

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