

Converting Colors

$Y_{xy}(44.3885, 0.2862, 0.3395)$

Have a look what the booklet for
Yxy(44.3885, 0.2862, 0.3395)
contains.

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Color

Yxy(44.4432, 0.2867, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	92BAB2
RGB	146, 186, 178
RGB Percent	57%, 73%, 70%
CMY	0.4276, 0.2705, 0.3020
CMYK	0.22, 0.00, 0.04, 0.27
HSL	168°, 22%, 65%
HSV	168°, 22%, 73%
XYZ	37.4430, 44.4432, 48.7138
YIQ	173.1280, -21.2720, -10.9680

Conversions

Conversions Part 2

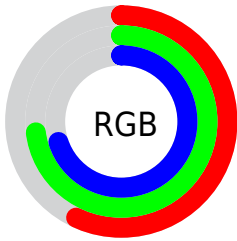
Format	Color
RYB	146, 168, 186
Decimal	9616050
CIELab	72.52, -15.03, -0.34
CIElCh	73, 15.038, 181.290
Yxy	44.4432, 0.2867, 0.3403
Android (android.graphics.Color)	4287806130 (0xFF92BAB2)
YUV	173.1280, 2.4019, -23.7913
Hunter-Lab	66.6657, -16.4099, 3.3418

Details

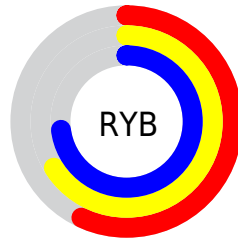
The Yxy color $44.4432, 0.2867, 0.3403$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $33.3223, 0.3470, 0.3181$, and the grayscale version is $41.8510, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.8623, 0.2915, 0.3376$, and $20.6354, 0.2791, 0.3448$ is the 20% darker color. If you saturate the color by 10%, you get $42.7293, 0.2758, 0.3463$, and if you desaturate by 10%, it is $46.4421, 0.2985, 0.3348$.

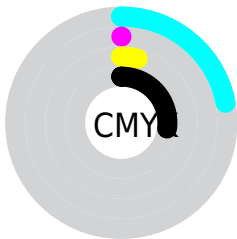
Distribution



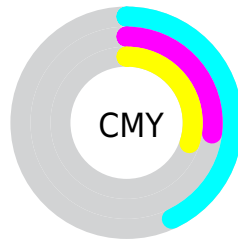
- Red (57%)
- Green (73%)
- Blue (70%)



- Red (57%)
- Yellow (66%)
- Blue (73%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)





- Cyan (43%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4432, 0.2867, 0.3403 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 44.4432, 0.2867, 0.3403 by changing the saturation by 10% instead.


 44.4432, 0.2867,
0.3403

 44.4432, 0.2867,
0.3403


364.5138, 0.2998,
0.3346

 31.0191, 0.2834,
0.3417


 81.8842, 0.2915,
0.3382

 20.6134, 0.2792,
0.3435


 106.6700, 0.2933,
0.3375

 12.8417, 0.2735,
0.3460


136.0117, 0.2948,
0.3368

 7.3196, 0.2655,
0.3494

170.2937, 0.2961,
0.3363

 3.6628, 0.2535,
0.3545

209.9006, 0.2972,
0.3358

 1.4868, 0.2334,
0.3631

255.2166, 0.2982,

 0.2794, 0.0000,

0.3353

0.4601

306.6262, 0.2990,
0.3350

0.0000, 0.0000,
0.0000

44.4432, 0.2867,
0.3403

44.4432, 0.2867,
0.3403

42.7293, 0.2758,
0.3463

46.4421, 0.2985,
0.3348

41.2816, 0.2661,
0.3527

48.7332, 0.3108,
0.3297

40.0874, 0.2578,
0.3595

51.3299, 0.3235,
0.3252

39.1307, 0.2512,
0.3665

54.2434, 0.3363,
0.3211

38.3937, 0.2464,
0.3737

57.4843, 0.3490,
0.3175

■ 37.8561, 0.2436,
0.3810

■ 60.5705, 0.3594,
0.3142

■ 37.4938, 0.2426,
0.3882

■ 60.7475, 0.3562,
0.3104

■ 37.2837, 0.2429,
0.3944

■ 60.9288, 0.3531,
0.3066

■ 61.1145, 0.3500,
0.3028

Harmonies

Analogous

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



44.4432, 0.3058, 0.3576



44.4432, 0.2867, 0.3403



44.4432, 0.2747, 0.3203

Triad

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



44.4432, 0.2867, 0.3403



44.4432, 0.2973, 0.2943



44.4432, 0.3546, 0.3526

Complementary

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



44.4432, 0.2867, 0.3403



33.3223, 0.3470, 0.3181

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.



44.4432, 0.3523, 0.3356



44.4432, 0.2867, 0.3403



44.4432, 0.3186, 0.3027

Square

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



44.4432, 0.2867, 0.3403



44.4432, 0.2806, 0.2944



44.4432, 0.3389, 0.3176



44.4432, 0.3452, 0.3642

Rectangle

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



44.4432, 0.2867, 0.3403



44.4432, 0.2721, 0.3085



44.4432, 0.3389, 0.3176



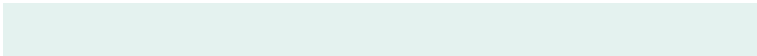
44.4432, 0.3552, 0.3473

Sweetspot

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



44.4450, 0.2867, 0.3403



86.3524, 0.3051, 0.3320



44.1312, 0.3172, 0.3867



18.9563, 0.3043, 0.3323



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.



44.4450, 0.2867, 0.3403



78.9602, 0.2812, 0.3432



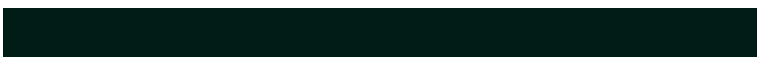
40.1845, 0.2800, 0.3128



10.1789, 0.3011, 0.3336



25.0903, 0.2426, 0.3934



0.8925, 0.2375, 0.3748

Inverse Universe

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



33.3223, 0.3470, 0.3181



55.0693, 0.3573, 0.3154



36.7359, 0.3523, 0.3447



9.0409, 0.3257, 0.3244



7.1231, 0.6045, 0.3104



0.2599, 0.5347, 0.2719

Previews

White Background



This preview shows how the Yxy color 44.4432, 0.2867, 0.3403 looks on a white background.

Color Contrast Check

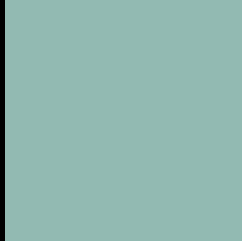
Large Text (above 18pt) WCAG AA × Fail

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 44.4432, 0.2867, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

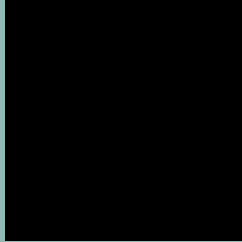
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

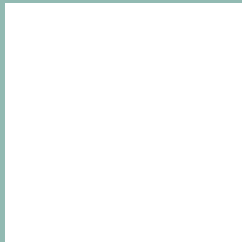
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4432, 0.2867, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 44.4432, 0.2867, 0.3403.

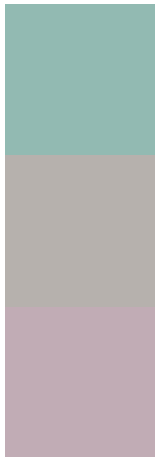


This preview shows how white text looks on a background with the Yxy color 44.4432, 0.2867, 0.3403.

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

44.4432, 0.2867, 0.3403

Protanopia

44.4065, 0.3204, 0.3343

Deuteranopia

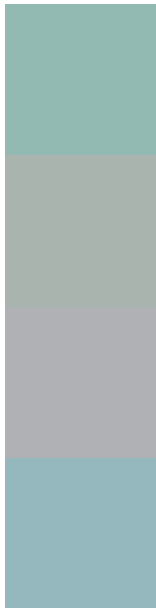
44.1787, 0.3240, 0.3175



Tritanopia

44.4282, 0.2756, 0.3084

Trichromacy



Original Color

44.4432, 0.2867, 0.3403

Protanomaly

44.1727, 0.3073, 0.3358

Deuteranomaly

43.9697, 0.3094, 0.3250

Tritanomaly

44.4321, 0.2798, 0.3192

Monochromacy



Original Color

44.4432, 0.2867, 0.3403

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.7225, 0.3023, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4432, 0.2867, 0.3403 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, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(146, 186, 178)  
}
```

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, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 186, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.4432, 0.2867, 0.3403 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, 186, 178) }
```

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

```
.border{ border-color:rgb(146, 186, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 186, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 186, 178); box-shadow:4px 4px 4px 4px rgb(146, 186, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4432, 0.2867, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 186, 178) }
```

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

```
.background{ background-color: rgb(146,  
186, 178) }
```

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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