

Converting Colors

$Yxy(44.7348, 0.2934, 0.3469)$

Have a look what the booklet for
Yxy(44.7348, 0.2934, 0.3469)
contains.

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Color

Yxy(44.6190, 0.2933, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	96BAAD
RGB	150, 186, 173
RGB Percent	59%, 73%, 68%
CMY	0.4118, 0.2706, 0.3215
CMYK	0.19, 0.00, 0.07, 0.27
HSL	158°, 21%, 66%
HSV	158°, 19%, 73%
XYZ	37.6814, 44.6190, 46.1735
YIQ	173.7540, -17.2830, -11.6750

Conversions

Conversions Part 2

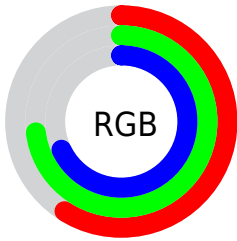
Format	Color
RYB	150, 172, 186
Decimal	9878189
CIELab	72.64, -14.76, 2.57
CIELCh	73, 14.982, 170.127
Yxy	44.6190, 0.2933, 0.3473
Android (android.graphics.Color)	4288068269 (0xFF96BAAD)
YUV	173.7540, -0.3717, -20.8323
Hunter-Lab	66.7975, -16.2011, 5.7742

Details

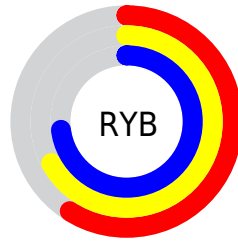
The Yxy color $44.6190, 0.2933, 0.3473$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $34.8964, 0.3371, 0.3114$, and the grayscale version is $42.2050, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0848, 0.2974, 0.3441$, and $20.8082, 0.2879, 0.3527$ is the 20% darker color. If you saturate the color by 10%, you get $42.7409, 0.2840, 0.3582$, and if you desaturate by 10%, it is $46.7939, 0.3032, 0.3374$.

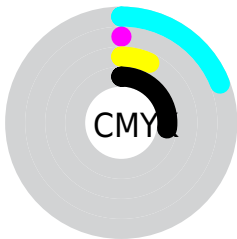
Distribution



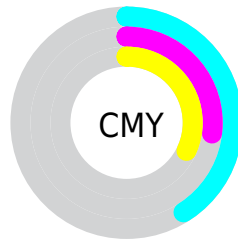
- Red (59%)
- Green (73%)
- Blue (68%)



- Red (59%)
- Yellow (67%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)





- Cyan (41%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6190, 0.2933, 0.3473 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 44.6190, 0.2933, 0.3473 by changing the saturation by 10% instead.

 44.6190, 0.2933,
0.3473

 44.6190, 0.2933,
0.3473


365.2283, 0.3031,
0.3380

 31.1574, 0.2908,
0.3497


 82.1484, 0.2969,
0.3439

 20.7188, 0.2876,
0.3528


 106.9850, 0.2982,
0.3426

 12.9186, 0.2832,
0.3570


136.3821, 0.2994,
0.3415

 7.3725, 0.2771,
0.3629

170.7240, 0.3003,
0.3406

 3.6961, 0.2678,
0.3721

210.3952, 0.3012,
0.3398

 1.5051, 0.2518,
0.3882

255.7801, 0.3019,

 0.2923, 0.0000,

0.3391

0.6783

307.2630, 0.3026,
0.3385

0.0000, 0.0000,
0.0000

44.6190, 0.2933,
0.3473

44.6190, 0.2933,
0.3473

42.7409, 0.2840,
0.3582

46.7939, 0.3032,
0.3374

41.1407, 0.2757,
0.3700

49.2726, 0.3134,
0.3285

39.8058, 0.2685,
0.3826

52.0686, 0.3237,
0.3205

38.7205, 0.2628,
0.3958

55.1931, 0.3340,
0.3134

37.8672, 0.2589,
0.4095

58.6567, 0.3442,
0.3071

■ 37.2261, 0.2569,
0.4234

■ 61.1955, 0.3486,
0.3011

■ 36.7739, 0.2570,
0.4372

■ 61.5436, 0.3431,
0.2944

■ 36.4675, 0.2587,
0.4507

■ 61.9059, 0.3376,
0.2878

■ 36.4493, 0.2588,
0.4516

■ 62.2827, 0.3323,
0.2814

Harmonies

Analogous

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



44.6190, 0.3138, 0.3619



44.6190, 0.2933, 0.3473



44.6190, 0.2783, 0.3276

Triad

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



44.6190, 0.2933, 0.3473



44.6190, 0.2904, 0.2935



44.6190, 0.3549, 0.3466

Complementary

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



44.6190, 0.2933, 0.3473



34.8964, 0.3371, 0.3114

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.



44.6190, 0.3483, 0.3288



44.6190, 0.2933, 0.3473



44.6190, 0.3105, 0.2988

Square

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



44.6190, 0.2933, 0.3473



44.6190, 0.2766, 0.2970



44.6190, 0.3318, 0.3116



44.6190, 0.3498, 0.3607

Rectangle

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



44.6190, 0.2933, 0.3473



44.6190, 0.2731, 0.3149



44.6190, 0.3318, 0.3116



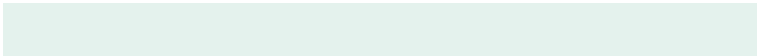
44.6190, 0.3540, 0.3409

Sweetspot

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



44.6209, 0.2933, 0.3473



86.2156, 0.3065, 0.3344



45.1285, 0.3214, 0.3796



18.9231, 0.3058, 0.3350



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.



44.6209, 0.2933, 0.3473



79.4419, 0.2895, 0.3516



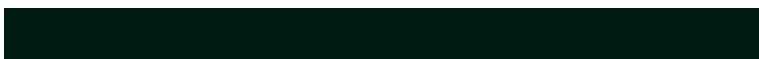
43.1594, 0.2837, 0.3222



10.1542, 0.3032, 0.3374



24.5362, 0.2583, 0.4499



0.8764, 0.2486, 0.4148

Inverse Universe

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



34.8964, 0.3371, 0.3114



58.7504, 0.3434, 0.3076



36.0184, 0.3490, 0.3357



9.0643, 0.3233, 0.3208



7.3093, 0.5504, 0.2805



0.2697, 0.4784, 0.2409

Previews

White Background



This preview shows how the Yxy color 44.6190, 0.2933, 0.3473 looks on a white background.

Color Contrast Check

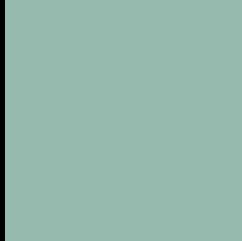
Large Text (above 18pt) WCAG AA × Fail

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 44.6190, 0.2933, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

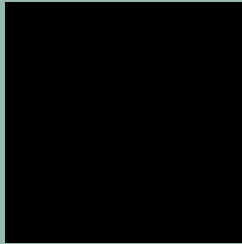
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

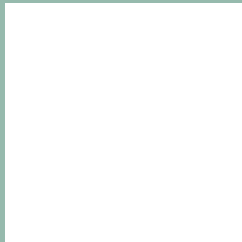
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6190, 0.2933, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 44.6190, 0.2933, 0.3473.

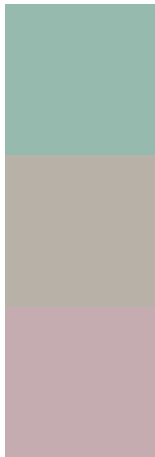


This preview shows how white text looks on a background with the Yxy color 44.6190, 0.2933, 0.3473.

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

44.6190, 0.2933, 0.3473

Protanopia

44.3387, 0.3254, 0.3410

Deuteranopia

44.3754, 0.3311, 0.3240



Tritanopia

44.3571, 0.2792, 0.3086

Trichromacy



Original Color

44.6190, 0.2933, 0.3473

Protanomaly

44.2027, 0.3129, 0.3426

Deuteranomaly

44.1231, 0.3161, 0.3317

Tritanomaly

44.2701, 0.2848, 0.3220

Monochromacy



Original Color

44.6190, 0.2933, 0.3473

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8961, 0.3047, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6190, 0.2933, 0.3473 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(150, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(150, 186, 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(150, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 186, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.6190, 0.2933, 0.3473 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(150, 186, 173) }
```

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

```
.border{ border-color:rgb(150, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(150, 186,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6190, 0.2933, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 186, 173) }
```

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

```
.background{ background-color: rgb(150,  
186, 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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