

Converting Colors

Yxy(44.3313, 0.3044, 0.3662)

Have a look what the booklet for
Yxy(44.3313, 0.3044, 0.3662)
contains.

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Color

Yxy(44.3313, 0.3044, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	98BAA0
RGB	152, 186, 160
RGB Percent	60%, 73%, 63%
CMY	0.4040, 0.2706, 0.3725
CMYK	0.18, 0.00, 0.14, 0.27
HSL	134°, 20%, 66%
HSV	134°, 18%, 73%
XYZ	36.8499, 44.3313, 39.8764
YIQ	172.8700, -11.9180, -15.2940

Conversions

Conversions Part 2

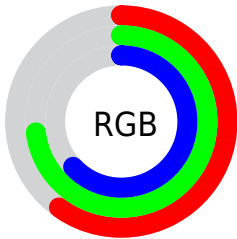
Format	Color
RYB	152, 180, 186
Decimal	10009248
CIELab	72.45, -16.66, 9.41
CIELCh	72, 19.131, 150.547
Yxy	44.3313, 0.3044, 0.3662
Android (android.graphics.Color)	4288199328 (0xFF98BAA0)
YUV	172.8700, -6.3449, -18.3030
Hunter-Lab	66.5818, -17.7265, 11.0979

Details

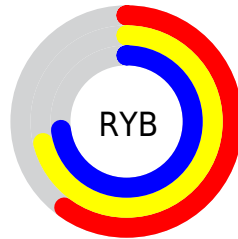
The Yxy color **44.3313, 0.3044, 0.3662** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.1019, 0.3223, 0.2945**, and the grayscale version is **41.7559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6760, 0.3062, 0.3585**, and **20.6459, 0.3017, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **42.2079, 0.3000, 0.3900**, and if you desaturate by 10%, it is **46.7967, 0.3089, 0.3449**.

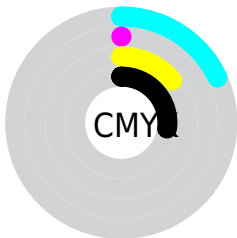
Distribution



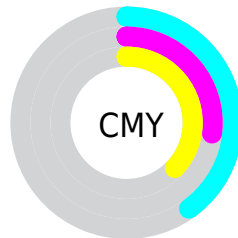
- Red (60%)
- Green (73%)
- Blue (63%)



- Red (60%)
- Yellow (71%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)





- Cyan (40%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3313, 0.3044, 0.3662 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 44.3313, 0.3044, 0.3662 by changing the saturation by 10% instead.

 44.3313, 0.3044,
0.3662


 44.3313, 0.3044,
0.3662


364.0585, 0.3088,
0.3470

 30.9310, 0.3032,
0.3712


 81.7160, 0.3061,
0.3591

 20.5463, 0.3016,
0.3778


 106.4693, 0.3067,
0.3564

 12.7928, 0.2994,
0.3868


135.7757, 0.3072,
0.3542

 7.2860, 0.2961,
0.3998

170.0196, 0.3076,
0.3523

 3.6416, 0.2907,
0.4202

209.5855, 0.3080,
0.3507

 1.4752, 0.2807,
0.4577

254.8577, 0.3083,

 0.2712, 0.0000,

0.3493

1.0000

306.2205, 0.3086,
0.3481

0.0000, 0.0000,
0.0000

44.3313, 0.3044,
0.3662

44.3313, 0.3044,
0.3662

42.2079, 0.3000,
0.3900

46.7967, 0.3089,
0.3449

40.4060, 0.2959,
0.4161

49.6126, 0.3135,
0.3260

38.9113, 0.2925,
0.4439


52.7940, 0.3179,
0.3094

37.7062, 0.2899,
0.4727


56.3536, 0.3221,
0.2949

36.7713, 0.2885,
0.5012


60.3033, 0.3261,
0.2824


 36.0850, 0.2885,
0.5281

 62.9906, 0.3231,
0.2702

 35.6218, 0.2898,
0.5516

 63.6018, 0.3159,
0.2614

 35.3421, 0.2923,
0.5707

 35.3030, 0.2926,
0.5735

Harmonies

Analogous

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



44.3313, 0.3316, 0.3770



44.3313, 0.3044, 0.3662



44.3313, 0.2801, 0.3440

Triad

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



44.3313, 0.3044, 0.3662



44.3313, 0.2716, 0.2854



44.3313, 0.3630, 0.3364

Complementary

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



44.3313, 0.3044, 0.3662



36.1019, 0.3223, 0.2945

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.



44.3313, 0.3456, 0.3139



44.3313, 0.3044, 0.3662



44.3313, 0.2923, 0.2852

Square

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



44.3313, 0.3044, 0.3662



44.3313, 0.2618, 0.2969



44.3313, 0.3194, 0.2955



44.3313, 0.3662, 0.3581

Rectangle

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



44.3313, 0.3044, 0.3662



44.3313, 0.2687, 0.3266



44.3313, 0.3194, 0.2955



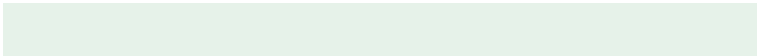
44.3313, 0.3586, 0.3287

Sweetspot

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



44.3332, 0.3044, 0.3662



86.3820, 0.3104, 0.3385



46.8610, 0.3328, 0.3749



18.9456, 0.3101, 0.3399



95.5105, 0.3127, 0.3290



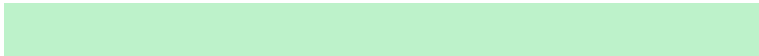
19.5994, 0.3127, 0.3290

Same Dimension

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



44.3332, 0.3044, 0.3662



78.7087, 0.3026, 0.3756



44.9664, 0.2920, 0.3417



10.0939, 0.3085, 0.3469



23.7580, 0.2921, 0.5715



0.8474, 0.2777, 0.5199

Inverse Universe

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



36.1019, 0.3223, 0.2945



60.9918, 0.3247, 0.2865



35.4636, 0.3386, 0.3167



9.1255, 0.3172, 0.3117



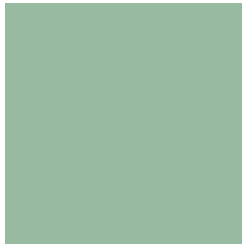
8.3508, 0.3903, 0.1924



0.3033, 0.3690, 0.1806

Previews

White Background



This preview shows how the Yxy color 44.3313, 0.3044, 0.3662 looks on a white background.

Color Contrast Check

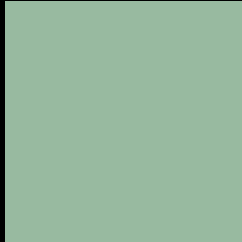
Large Text (above 18pt) WCAG AA × Fail

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 44.3313, 0.3044, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

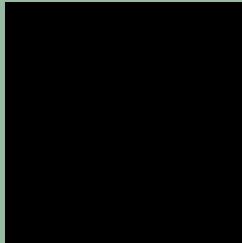
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3313, 0.3044, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 44.3313, 0.3044, 0.3662.



This preview shows how white text looks on a background with the Yxy color 44.3313, 0.3044, 0.3662.

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

44.3313, 0.3044, 0.3662

Protanopia

44.2499, 0.3392, 0.3584

Deuteranopia

44.0495, 0.3466, 0.3393



Tritanopia

44.2570, 0.2835, 0.3100

Trichromacy



Original Color

44.3313, 0.3044, 0.3662

Protanomaly

44.0755, 0.3261, 0.3606

Deuteranomaly

43.7266, 0.3307, 0.3478

Tritanomaly

44.3123, 0.2914, 0.3303

Monochromacy



Original Color

44.3313, 0.3044, 0.3662

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.6673, 0.3095, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3313, 0.3044, 0.3662 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(152, 186, 160)` looks like.

```
.text, #text, p{  
    color:rgb(152, 186, 160)  
}
```

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(152, 186, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 186, 160) }
```

Border

The CSS property to change the border of an element to Yxy 44.3313, 0.3044, 0.3662 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(152, 186, 160) }
```

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

```
.border{ border-color:rgb(152, 186, 160) }
```

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

Here you see how a box with a 4 pixel rgb(152, 186, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 186, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 186, 160);  
box-shadow:4px 4px 4px 4px rgb(152, 186,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3313, 0.3044, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 186, 160) }
```

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

```
.background{ background-color: rgb(152,  
186, 160) }
```

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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