

Converting Colors

$Yxy(44.1105, 0.2999, 0.3637)$

Have a look what the booklet for
Yxy(44.1105, 0.2999, 0.3637)
contains.

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Color

Yxy(44.0223, 0.2997, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	94BAA2
RGB	148, 186, 162
RGB Percent	58%, 73%, 64%
CMY	0.4198, 0.2705, 0.3647
CMYK	0.20, 0.00, 0.13, 0.27
HSL	142°, 22%, 65%
HSV	142°, 20%, 73%
XYZ	36.2857, 44.0223, 40.7654
YIQ	171.9020, -14.9440, -15.5200

Conversions

Conversions Part 2

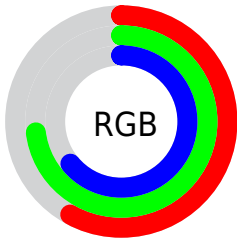
Format	Color
RYB	148, 176, 186
Decimal	9747106
CIELab	72.24, -17.64, 8.00
CIELCh	72, 19.369, 155.617
Yxy	44.0223, 0.2997, 0.3636
Android (android.graphics.Color)	4287937186 (0xFF94BAA2)
YUV	171.9020, -4.8817, -20.9621
Hunter-Lab	66.3493, -18.4916, 10.0164

Details

The Yxy color **44.0223, 0.2997, 0.3636** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.5817, 0.3285, 0.2968**, and the grayscale version is **41.2295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0706, 0.3018, 0.3565**, and **20.4422, 0.2964, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **42.0293, 0.2937, 0.3835**, and if you desaturate by 10%, it is **46.3367, 0.3060, 0.3457**.

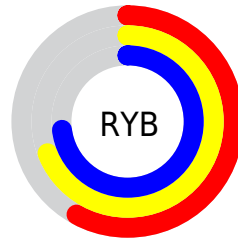
Distribution



Red (58%)

Green (73%)

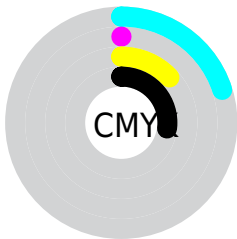
Blue (64%)



Red (58%)

Yellow (69%)

Blue (73%)

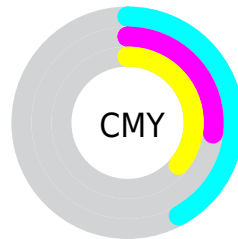


Cyan (20%)

Magenta (0%)

Yellow (13%)

Black (27%)



Cyan (42%)


Magenta (27%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0223, 0.2997, 0.3636 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 44.0223, 0.2997, 0.3636 by changing the saturation by 10% instead.


 44.0223, 0.2997,
0.3636


 44.0223, 0.2997,
0.3636


362.7993, 0.3065,
0.3457

 30.6880, 0.2979,
0.3683


 81.2513, 0.3022,
0.3570

 20.3614, 0.2956,
0.3744

 105.9148, 0.3032,
0.3545

 12.6580, 0.2924,
0.3827

135.1236, 0.3039,
0.3525

 7.1935, 0.2877,
0.3949

169.2619, 0.3046,
0.3507

 3.5834, 0.2802,
0.4140

208.7143, 0.3052,
0.3492

 1.4434, 0.2665,
0.4485

253.8650, 0.3057,

 0.2484, 0.0000,

0.3479

1.0000

305.0985, 0.3061,
0.3467

0.0000, 0.0000,
0.0000

44.0223, 0.2997,
0.3636

44.0223, 0.2997,
0.3636

42.0293, 0.2937,
0.3835

46.3367, 0.3060,
0.3457

40.3378, 0.2884,
0.4051

48.9803, 0.3124,
0.3297

38.9341, 0.2839,
0.4283

51.9677, 0.3188,
0.3156

37.8013, 0.2807,
0.4525

55.3107, 0.3250,
0.3032

36.9208, 0.2790,
0.4769

59.0208, 0.3310,
0.2923

■ 36.2712, 0.2790,
0.5006

■ 62.2344, 0.3331,
0.2823

■ 35.8276, 0.2809,
0.5227

■ 62.9254, 0.3240,
0.2713

■ 35.5500, 0.2838,
0.5417

■ 63.6046, 0.3159,
0.2614

Harmonies

Analogous

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



44.0223, 0.3273, 0.3769



44.0223, 0.2997, 0.3636



44.0223, 0.2763, 0.3398

Triad

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



44.0223, 0.2997, 0.3636



44.0223, 0.2739, 0.2839



44.0223, 0.3654, 0.3404

Complementary

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



44.0223, 0.2997, 0.3636



34.5817, 0.3285, 0.2968

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.



44.0223, 0.3499, 0.3174



44.0223, 0.2997, 0.3636



44.0223, 0.2964, 0.2857

Square

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



44.0223, 0.2997, 0.3636



44.0223, 0.2619, 0.2937



44.0223, 0.3242, 0.2977



44.0223, 0.3660, 0.3618

Rectangle

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



44.0223, 0.2997, 0.3636



44.0223, 0.2659, 0.3221



44.0223, 0.3242, 0.2977



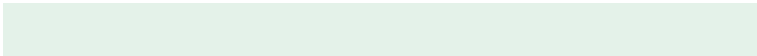
44.0223, 0.3617, 0.3326

Sweetspot

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



44.0241, 0.2997, 0.3636



85.9883, 0.3088, 0.3385



46.0382, 0.3307, 0.3813



18.8679, 0.3084, 0.3395



95.5105, 0.3127, 0.3290



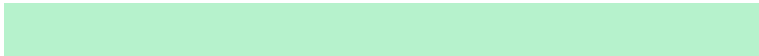
19.5994, 0.3127, 0.3290

Same Dimension

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



44.0241, 0.2997, 0.3636



77.9218, 0.2967, 0.3732



44.7493, 0.2861, 0.3361



10.1135, 0.3067, 0.3438



23.9257, 0.2831, 0.5393



0.8556, 0.2679, 0.4844

Inverse Universe

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



34.5817, 0.3285, 0.2968



57.4114, 0.3332, 0.2886



33.9051, 0.3476, 0.3221



9.1050, 0.3192, 0.3147



7.9076, 0.4396, 0.2195



0.2903, 0.4016, 0.1986

Previews

White Background



This preview shows how the Yxy color 44.0223, 0.2997, 0.3636 looks on a white background.

Color Contrast Check

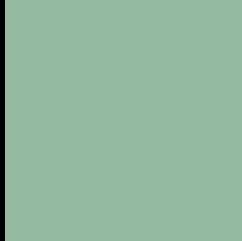
Large Text (above 18pt) WCAG AA × Fail

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 44.0223, 0.2997, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

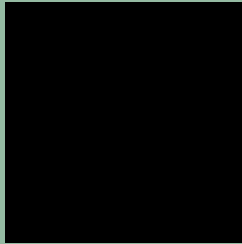
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0223, 0.2997, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 44.0223, 0.2997, 0.3636.



This preview shows how white text looks on a background with the Yxy color 44.0223, 0.2997, 0.3636.

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

44.0223, 0.2997, 0.3636

Protanopia

43.6753, 0.3359, 0.3545

Deuteranopia

43.8482, 0.3429, 0.3368



Tritanopia

43.9033, 0.2798, 0.3085

Trichromacy



Original Color

44.0223, 0.2997, 0.3636

Protanomaly

43.8036, 0.3218, 0.3580

Deuteranomaly

43.4343, 0.3262, 0.3452

Tritanomaly

44.0031, 0.2868, 0.3275

Monochromacy



Original Color

44.0223, 0.2997, 0.3636

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.0580, 0.3078, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0223, 0.2997, 0.3636 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(148, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(148, 186, 162)  
}
```

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(148, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 186, 162) }
```

Border

The CSS property to change the border of an element to Yxy 44.0223, 0.2997, 0.3636 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(148, 186, 162) }
```

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

```
.border{ border-color:rgb(148, 186, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(148, 186,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0223, 0.2997, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 186, 162) }
```

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

```
.background{ background-color: rgb(148,  
186, 162) }
```

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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