

Converting Colors

$Yxy(43.7952, 0.3072, 0.3702)$

Have a look what the booklet for
Yxy(43.7952, 0.3072, 0.3702)
contains.

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Color

Yxy(43.7736, 0.3075, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	98B99C
RGB	152, 185, 156
RGB Percent	60%, 73%, 61%
CMY	0.4038, 0.2745, 0.3883
CMYK	0.18, 0.00, 0.16, 0.27
HSL	127°, 19%, 66%
HSV	127°, 18%, 73%
XYZ	36.3009, 43.7736, 37.9773
YIQ	171.8270, -10.3590, -16.0150

Conversions

Conversions Part 2

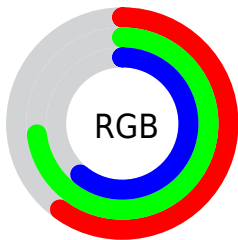
Format	Color
RYB	152, 181, 185
Decimal	10008988
CIELab	72.08, -16.87, 11.07
CIELCh	72, 20.182, 146.724
Yxy	43.7736, 0.3075, 0.3708
Android (android.graphics.Color)	4288199068 (0xFF98B99C)
YUV	171.8270, -7.8027, -17.3883
Hunter-Lab	66.1616, -17.8452, 12.2802

Details

The Yxy color **43.7736, 0.3075, 0.3708** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.1188, 0.3184, 0.2905**, and the grayscale version is **41.2096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8791, 0.3086, 0.3620**, and **20.2892, 0.3057, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **41.6118, 0.3045, 0.3983**, and if you desaturate by 10%, it is **46.2915, 0.3105, 0.3462**.

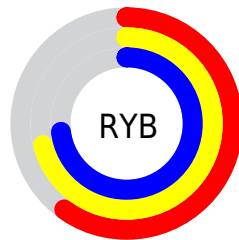
Distribution



Red (60%)

Green (73%)

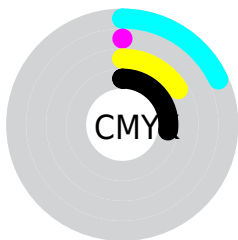
Blue (61%)



Red (60%)

Yellow (71%)

Blue (73%)

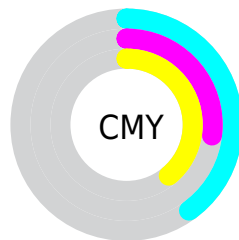


Cyan (18%)

Magenta (0%)

Yellow (16%)

Black (27%)



Cyan (40%)


Magenta (27%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7736, 0.3075, 0.3708 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 43.7736, 0.3075, 0.3708 by changing the saturation by 10% instead.


 43.7736, 0.3075,
0.3708

 43.7736, 0.3075,
0.3708


361.7836, 0.3104,
0.3491

 30.4926, 0.3067,
0.3765


 80.8770, 0.3086,
0.3627

 20.2128, 0.3055,
0.3839


 105.4681, 0.3090,
0.3598

 12.5498, 0.3039,
0.3942


134.5980, 0.3094,
0.3573

 7.1193, 0.3013,
0.4090

168.6511, 0.3097,
0.3551

 3.5368, 0.2969,
0.4325

208.0118, 0.3099,
0.3533

 1.4180, 0.2903,
0.4793

253.0646, 0.3101,

 0.2299, 0.0000,

0.3517

1.0000

304.1937, 0.3103,
0.3503

0.0000, 0.0000,
0.0000

43.7736, 0.3075,
0.3708

43.7736, 0.3075,
0.3708

41.6118, 0.3045,
0.3983

46.2915, 0.3105,
0.3462

39.7848, 0.3017,
0.4283

49.1748, 0.3133,
0.3245

38.2774, 0.2992,
0.4601

52.4392, 0.3160,
0.3056

37.0711, 0.2972,
0.4924

56.0980, 0.3186,
0.2892

36.1456, 0.2960,
0.5234

60.1637, 0.3209,
0.2751

■ 35.4779, 0.2956,
0.5509

■ 63.0935, 0.3169,
0.2616

■ 35.0413, 0.2962,
0.5731

■ 63.1777, 0.3159,
0.2604

■ 34.7969, 0.2974,
0.5885

■ 34.7561, 0.2975,
0.5910

Harmonies

Analogous

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



43.7736, 0.3362, 0.3803



43.7736, 0.3075, 0.3708



43.7736, 0.2811, 0.3483

Triad

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



43.7736, 0.3075, 0.3708



43.7736, 0.2673, 0.2838



43.7736, 0.3644, 0.3336

Complementary

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



43.7736, 0.3075, 0.3708



36.1188, 0.3184, 0.2905

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.



43.7736, 0.3443, 0.3102



43.7736, 0.3075, 0.3708



43.7736, 0.2878, 0.2821

Square

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



43.7736, 0.3075, 0.3708



43.7736, 0.2586, 0.2973



43.7736, 0.3159, 0.2917



43.7736, 0.3699, 0.3570

Rectangle

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



43.7736, 0.3075, 0.3708



43.7736, 0.2681, 0.3299



43.7736, 0.3159, 0.2917



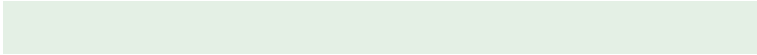
43.7736, 0.3591, 0.3255

Sweetspot

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



43.7755, 0.3075, 0.3708



84.2566, 0.3113, 0.3400



46.8079, 0.3357, 0.3731



18.0890, 0.3111, 0.3415



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.7755, 0.3075, 0.3708



76.9667, 0.3065, 0.3802



44.3684, 0.2953, 0.3468



10.0771, 0.3100, 0.3497



23.6719, 0.2972, 0.5897



0.8402, 0.2878, 0.5562

Inverse Universe

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



36.1188, 0.3184, 0.2905



60.9462, 0.3197, 0.2827



35.4850, 0.3340, 0.3119



9.1437, 0.3155, 0.3091



8.8273, 0.3531, 0.1719



0.3164, 0.3437, 0.1667

Previews

White Background



This preview shows how the Yxy color 43.7736, 0.3075, 0.3708 looks on a white background.

Color Contrast Check

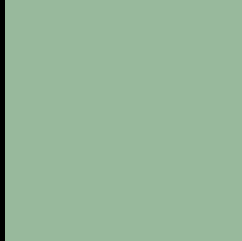
Large Text (above 18pt) WCAG AA × Fail

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 43.7736, 0.3075, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

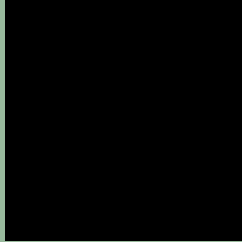
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7736, 0.3075, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 43.7736, 0.3075, 0.3708.



This preview shows how white text looks on a background with the Yxy color 43.7736, 0.3075, 0.3708.

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

43.7736, 0.3075, 0.3708

Protanopia

43.5993, 0.3420, 0.3626

Deuteranopia

43.5320, 0.3504, 0.3432



Tritanopia

43.9085, 0.2849, 0.3100

Trichromacy



Original Color

43.7736, 0.3075, 0.3708

Protanomaly

43.4243, 0.3286, 0.3650

Deuteranomaly

43.1958, 0.3343, 0.3519

Tritanomaly

43.8191, 0.2928, 0.3317

Monochromacy



Original Color

43.7736, 0.3075, 0.3708

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1968, 0.3111, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7736, 0.3075, 0.3708 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, 185, 156)` looks like.

```
.text, #text, p{  
    color:rgb(152, 185, 156)  
}
```

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, 185, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 185, 156) }
```

Border

The CSS property to change the border of an element to Yxy 43.7736, 0.3075, 0.3708 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, 185, 156) }
```

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

```
.border{ border-color:rgb(152, 185, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 185, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 185, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 185, 156);  
box-shadow:4px 4px 4px 4px rgb(152, 185,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7736, 0.3075, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 185, 156) }
```

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

```
.background{ background-color: rgb(152,  
185, 156) }
```

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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