

Converting Colors

$Yxy(45.5990, 0.3097, 0.3759)$

Have a look what the booklet for
Yxy(45.5990, 0.3097, 0.3759)
contains.

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Color

Yxy(45.7641, 0.3097, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	9BBD9C
RGB	155, 189, 156
RGB Percent	61%, 74%, 61%
CMY	0.3922, 0.2588, 0.3882
CMYK	0.18, 0.00, 0.17, 0.26
HSL	122°, 20%, 67%
HSV	122°, 18%, 74%
XYZ	37.7146, 45.7641, 38.2991
YIQ	175.0720, -9.6710, -17.4710

Conversions

Conversions Part 2

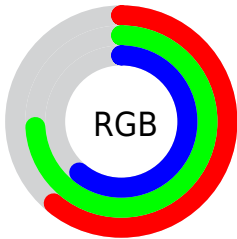
Format	Color
RYB	155, 188, 189
Decimal	10206620
CIELab	73.39, -17.89, 12.94
CIElCh	73, 22.085, 144.117
Yxy	45.7641, 0.3097, 0.3758
Android (android.graphics.Color)	4288396700 (0xFF9BBD9C)
YUV	175.0720, -9.4025, -17.6031
Hunter-Lab	67.6492, -18.8718, 13.7878

Details

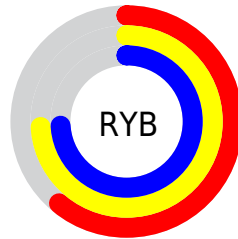
The Yxy color **45.7641, 0.3097, 0.3758** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.8897, 0.3157, 0.2863**, and the grayscale version is **42.9624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7096, 0.3103, 0.3660**, and **21.5118, 0.3077, 0.3905** is the 20% darker color. If you saturate the color by 10%, you get **43.4651, 0.3079, 0.4063**, and if you desaturate by 10%, it is **48.4535, 0.3114, 0.3485**.

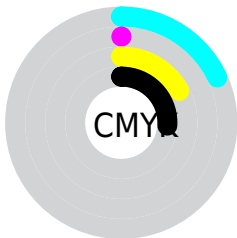
Distribution



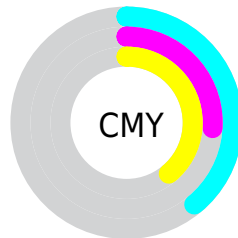
- Red (61%)
- Green (74%)
- Blue (61%)



- Red (61%)
- Yellow (74%)
- Blue (74%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (26%)





- Cyan (39%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.7641, 0.3097, 0.3758 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 45.7641, 0.3097, 0.3758 by changing the saturation by 10% instead.


 45.7641, 0.3097,
0.3758


 45.7641, 0.3097,
0.3758


369.8594, 0.3116,
0.3516

 32.0597, 0.3091,
0.3821


 83.8658, 0.3105,
0.3668

 21.4071, 0.3083,
0.3903


 109.0320, 0.3107,
0.3635

 13.4219, 0.3071,
0.4015


138.7875, 0.3109,
0.3608

 7.7197, 0.3050,
0.4176

173.5168, 0.3111,
0.3584

 3.9161, 0.3014,
0.4429

213.6042, 0.3112,
0.3564

 1.6268, 0.2954,
0.4907

259.4342, 0.3114,


 0.3755, 0.0000,


0.3546


1.0000


311.3912, 0.3115,
0.3530


 0.0000, 0.0000,
0.0000

 45.7641, 0.3097,
0.3758


 45.7641, 0.3097,
0.3758


 43.4651, 0.3079,
0.4063


 48.4535, 0.3114,
0.3485


 41.5328, 0.3060,
0.4395

 51.5440, 0.3130,
0.3245

 39.9502, 0.3041,
0.4743

 55.0533, 0.3145,
0.3036

 38.6961, 0.3024,
0.5087

 58.9962, 0.3157,
0.2856

 37.7477, 0.3010,
0.5404

 63.3868, 0.3169,
0.2702

■ 37.0787, 0.3001,
0.5668

■ 64.8780, 0.3157,
0.2644

■ 36.6586, 0.2997,
0.5859

■ 36.4428, 0.2996,
0.5967

■ 36.4103, 0.2995,
0.5982

Harmonies

Analogous

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



45.7641, 0.3404, 0.3846



45.7641, 0.3097, 0.3758



45.7641, 0.2808, 0.3523

Triad

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



45.7641, 0.3097, 0.3758



45.7641, 0.2625, 0.2811



45.7641, 0.3672, 0.3315

Complementary

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



45.7641, 0.3097, 0.3758



37.8897, 0.3157, 0.2863

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.



45.7641, 0.3443, 0.3067



45.7641, 0.3097, 0.3758



45.7641, 0.2835, 0.2783

Square

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



45.7641, 0.3097, 0.3758



45.7641, 0.2544, 0.2966



45.7641, 0.3133, 0.2877



45.7641, 0.3746, 0.3570

Rectangle

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



45.7641, 0.3097, 0.3758



45.7641, 0.2662, 0.3325



45.7641, 0.3133, 0.2877



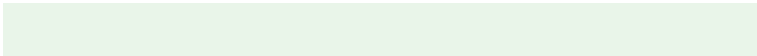
45.7641, 0.3610, 0.3229

Sweetspot

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



45.7660, 0.3097, 0.3758



88.3124, 0.3119, 0.3411



49.5115, 0.3389, 0.3732



18.9103, 0.3118, 0.3429



95.5105, 0.3127, 0.3290



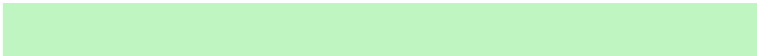
19.5994, 0.3127, 0.3290

Same Dimension

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



45.7660, 0.3097, 0.3758



80.0831, 0.3089, 0.3887



46.3659, 0.2976, 0.3518



10.6541, 0.3112, 0.3520



24.4982, 0.2994, 0.5977



0.9612, 0.2969, 0.5890

Inverse Universe

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



37.8897, 0.3157, 0.2863



63.0966, 0.3165, 0.2757



37.2159, 0.3310, 0.3072



9.6912, 0.3142, 0.3071



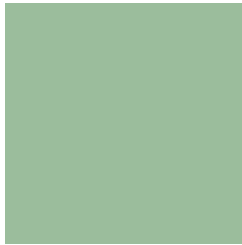
9.5921, 0.3284, 0.1583



0.3773, 0.3265, 0.1572

Previews

White Background



This preview shows how the Yxy color 45.7641, 0.3097, 0.3758 looks on a white background.

Color Contrast Check

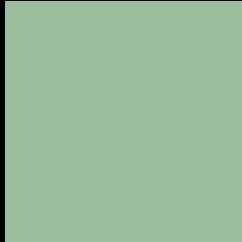
Large Text (above 18pt) WCAG AA × Fail

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 45.7641, 0.3097, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

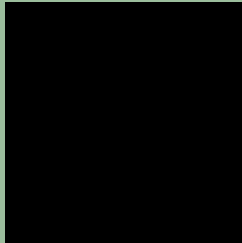
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7641, 0.3097, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 45.7641, 0.3097, 0.3758.

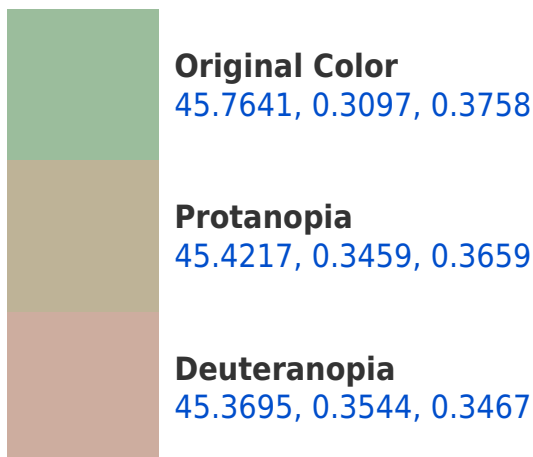


This preview shows how white text looks on a background with the Yxy color 45.7641, 0.3097, 0.3758.

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





Tritanopia

45.6256, 0.2846, 0.3090

Trichromacy



Original Color

45.7641, 0.3097, 0.3758

Protanomaly

45.5140, 0.3316, 0.3697

Deuteranomaly

45.2736, 0.3372, 0.3568

Tritanomaly

45.4877, 0.2931, 0.3317

Monochromacy



Original Color

45.7641, 0.3097, 0.3758

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.7945, 0.3119, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7641, 0.3097, 0.3758 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(155, 189, 156)` looks like.

```
.text, #text, p{  
  color:rgb(155, 189, 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(155, 189, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 189, 156) }
```

Border

The CSS property to change the border of an element to Yxy 45.7641, 0.3097, 0.3758 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(155, 189, 156) }
```

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

```
.border{ border-color:rgb(155, 189, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 189, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 189, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 189, 156);  
box-shadow:4px 4px 4px 4px rgb(155, 189,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7641, 0.3097, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 189, 156) }
```

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

```
.background{ background-color: rgb(155,  
189, 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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