

Converting Colors

$Yxy(46.9025, 0.3167, 0.3754)$

Have a look what the booklet for
Yxy(46.9025, 0.3167, 0.3754)
contains.

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Color

Yxy(47.1197, 0.3170, 0.3761)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A4BE9C |
| RGB | 164, 190, 156 |
| RGB Percent | 64%, 75%, 61% |
| CMY | 0.3571, 0.2548, 0.3883 |
| CMYK | 0.14, 0.00, 0.18, 0.25 |
| HSL | 106°, 21%, 68% |
| HSV | 106°, 18%, 75% |
| XYZ | 39.7154, 47.1197, 38.4500 |
| YIQ | 178.3500, -4.5820, -16.0860 |

Conversions

Conversions Part 2

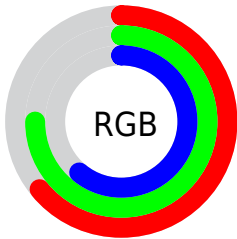
| Format | Color |
|-------------------------------------|--|
| RYB | 156, 190, 182 |
| Decimal | 10796700 |
| CIELab | 74.27, -15.28, 14.27 |
| CIELCh | 74, 20.901, 136.956 |
| Yxy | 47.1197, 0.3170, 0.3761 |
| Android (android.graphics.Color) | 4288986780 (0xFFA4BE9C) |
| YUV | 178.3500, -11.0185, -12.5849 |
| Hunter-Lab | 68.6438, -16.8516, 14.8401 |

Details

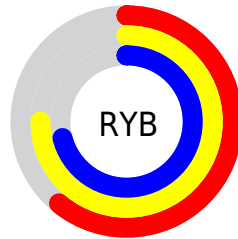
The Yxy color **47.1197, 0.3170, 0.3761** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.4452, 0.3073, 0.2842**, and the grayscale version is **44.7733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6748, 0.3161, 0.3663**, and **22.3560, 0.3175, 0.3905** is the 20% darker color. If you saturate the color by 10%, you get **45.0668, 0.3190, 0.4062**, and if you desaturate by 10%, it is **49.4546, 0.3147, 0.3487**.

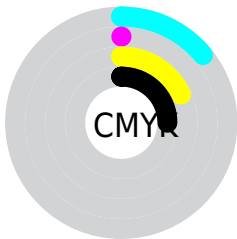
Distribution



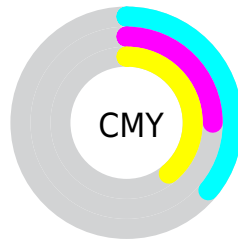
- Red (64%)
- Green (75%)
- Blue (61%)



- Red (61%)
- Yellow (75%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1197, 0.3170, 0.3761 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 47.1197, 0.3170, 0.3761 by changing the saturation by 10% instead.


 47.1197, 0.3170,
0.3761

 47.1197, 0.3170,
0.3761


375.2921, 0.3152,
0.3520

 33.1303, 0.3173,
0.3823


 85.8923, 0.3164,
0.3672

 22.2263, 0.3177,
0.3904


 111.4442, 0.3162,
0.3639

 14.0233, 0.3181,
0.4014


141.6191, 0.3160,
0.3611

 8.1368, 0.3183,
0.4170

176.8014, 0.3158,
0.3587

 4.1826, 0.3180,
0.4411

217.3755, 0.3156,
0.3567

 1.7762, 0.3174,
0.4853

263.7257, 0.3155,

 0.4723, 0.1386,

0.3549

0.8614

316.2364, 0.3153,
0.3534

0.0000, 0.0000,
0.0000

47.1197, 0.3170,
0.3761

47.1197, 0.3170,
0.3761

45.0668, 0.3190,
0.4062

49.4546, 0.3147,
0.3487

43.2793, 0.3205,
0.4383

52.0755, 0.3122,
0.3241

41.7479, 0.3213,
0.4714

54.9940, 0.3097,
0.3023

40.4604, 0.3211,
0.5040

58.2192, 0.3072,
0.2831

39.4035, 0.3198,
0.5342

61.7596, 0.3047,
0.2663

■ 38.5628, 0.3173,
0.5596

■ 64.6195, 0.3129,
0.2648

■ 37.9219, 0.3138,
0.5787

■ 65.3147, 0.3157,
0.2654

■ 37.4592, 0.3097,
0.5908

■ 37.3798, 0.3089,
0.5929

Harmonies

Analogous

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



47.1197, 0.3450, 0.3806



47.1197, 0.3170, 0.3761



47.1197, 0.2887, 0.3569

Triad

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



47.1197, 0.3170, 0.3761



47.1197, 0.2625, 0.2865



47.1197, 0.3598, 0.3257

Complementary

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



47.1197, 0.3170, 0.3761



37.4452, 0.3073, 0.2842

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.



47.1197, 0.3358, 0.3032



47.1197, 0.3170, 0.3761



47.1197, 0.2797, 0.2809

Square

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



47.1197, 0.3170, 0.3761



47.1197, 0.2581, 0.3038



47.1197, 0.3063, 0.2871



47.1197, 0.3706, 0.3499

Rectangle

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



47.1197, 0.3170, 0.3761



47.1197, 0.2734, 0.3391



47.1197, 0.3063, 0.2871



47.1197, 0.3529, 0.3177

Sweetspot

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



47.1217, 0.3170, 0.3761



90.8884, 0.3140, 0.3414



46.6056, 0.3411, 0.3624



19.8861, 0.3142, 0.3432



97.7402, 0.3127, 0.3290



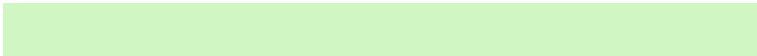
20.4902, 0.3127, 0.3290

Same Dimension

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



47.1217, 0.3170, 0.3761



84.0395, 0.3177, 0.3861



46.6002, 0.3042, 0.3647



10.7544, 0.3150, 0.3525



24.8806, 0.3096, 0.5923



1.0054, 0.3274, 0.5783

Inverse Universe

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



37.4452, 0.3073, 0.2842



63.6465, 0.3061, 0.2752



38.0809, 0.3225, 0.2958



9.5808, 0.3101, 0.3061



6.5464, 0.2630, 0.1223



0.2843, 0.2776, 0.1303

Previews

White Background



This preview shows how the Yxy color 47.1197, 0.3170, 0.3761 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 47.1197, 0.3170, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

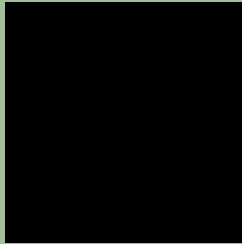
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1197, 0.3170, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 47.1197, 0.3170, 0.3761.



This preview shows how white text looks on a background with the Yxy color 47.1197, 0.3170, 0.3761.

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

47.1197, 0.3170, 0.3761

Protanopia

46.9294, 0.3461, 0.3681

Deuteranopia

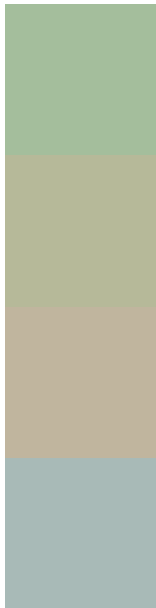
46.9638, 0.3564, 0.3502



Tritanopia

47.0624, 0.2909, 0.3094

Trichromacy



Original Color

47.1197, 0.3170, 0.3761

Protanomaly

46.9429, 0.3356, 0.3717

Deuteranomaly

46.7228, 0.3413, 0.3589

Tritanomaly

46.8615, 0.3002, 0.3330

Monochromacy



Original Color

47.1197, 0.3170, 0.3761

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.2424, 0.3145, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1197, 0.3170, 0.3761 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(164, 190, 156)` looks like.

```
.text, #text, p{  
    color:rgb(164, 190, 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(164, 190, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 190, 156) }
```

Border

The CSS property to change the border of an element to Yxy 47.1197, 0.3170, 0.3761 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(164, 190, 156) }
```

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

```
.border{ border-color:rgb(164, 190, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 190, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 190, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 190, 156);  
box-shadow:4px 4px 4px 4px rgb(164, 190,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1197, 0.3170, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 190, 156) }
```

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

```
.background{ background-color: rgb(164,  
190, 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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