

Converting Colors

$Yxy(47.4689, 0.3208, 0.3720)$

Have a look what the booklet for
Yxy(47.4689, 0.3208, 0.3720)
contains.

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Color

Yxy(47.4099, 0.3207, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	AABD9E
RGB	170, 189, 158
RGB Percent	67%, 74%, 62%
CMY	0.3332, 0.2588, 0.3805
CMYK	0.10, 0.00, 0.16, 0.26
HSL	97°, 19%, 68%
HSV	97°, 16%, 74%
XYZ	40.9490, 47.4099, 39.3274
YIQ	179.7850, -1.3730, -13.6690

Conversions

Conversions Part 2

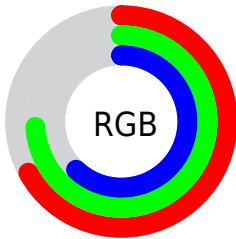
Format	Color
RYB	158, 189, 177
Decimal	11189662
CIELab	74.45, -12.24, 13.52
CIELCh	74, 18.237, 132.163
Yxy	47.4099, 0.3207, 0.3713
Android (android.graphics.Color)	4289379742 (0xFFAABD9E)
YUV	179.7850, -10.7400, -8.5814
Hunter-Lab	68.8548, -14.3394, 14.3341

Details

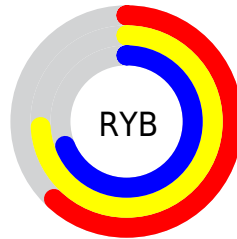
The Yxy color $47.4099, 0.3207, 0.3713$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.4591, 0.3034, 0.2875$, and the grayscale version is $45.5819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1165, 0.3189, 0.3627$, and $22.5214, 0.3224, 0.3836$ is the 20% darker color. If you saturate the color by 10%, you get $45.5783, 0.3252, 0.4000$, and if you desaturate by 10%, it is $49.4590, 0.3159, 0.3448$.

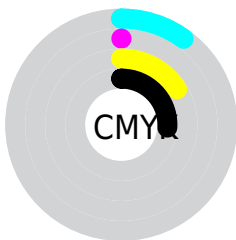
Distribution



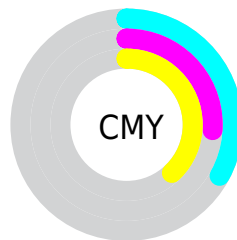
- Red (67%)
- Green (74%)
- Blue (62%)



- Red (62%)
- Yellow (74%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)





- Cyan (33%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4099, 0.3207, 0.3713 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 47.4099, 0.3207, 0.3713 by changing the saturation by 10% instead.


 47.4099, 0.3207,
0.3713


 47.4099, 0.3207,
0.3713


376.4483, 0.3170,
0.3497

 33.3598, 0.3215,
0.3768


 86.3252, 0.3194,
0.3634

 22.4022, 0.3226,
0.3840


 111.9591, 0.3189,
0.3604

 14.1527, 0.3238,
0.3936


142.2231, 0.3185,
0.3579

 8.2270, 0.3254,
0.4074

177.5017, 0.3181,
0.3558

 4.2405, 0.3273,
0.4284

218.1790, 0.3178,
0.3540

 1.8090, 0.3297,
0.4653

264.6397, 0.3175,

 0.4928, 0.2560,

0.3524

0.7440

317.2680, 0.3172,
0.3510

0.0000, 0.0000,
0.0000

47.4099, 0.3207,
0.3713

47.4099, 0.3207,
0.3713

45.5783, 0.3252,
0.4000

49.4590, 0.3159,
0.3448

43.9505, 0.3292,
0.4305

51.7264, 0.3110,
0.3206

42.5207, 0.3323,
0.4617


54.2209, 0.3061,
0.2990


41.2803, 0.3342,
0.4923


56.9489, 0.3015,
0.2797


40.2201, 0.3344,
0.5209

59.9166, 0.2970,
0.2626

 39.3300, 0.3328,
0.5456


 62.0301, 0.3039,
0.2620

 38.5986, 0.3295,
0.5649

 64.1106, 0.3127,
0.2637

 38.0117, 0.3245,
0.5780

 64.8752, 0.3157,
0.2644

 37.8286, 0.3227,
0.5820

Harmonies

Analogous

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



47.4099, 0.3444, 0.3733



47.4099, 0.3207, 0.3713



47.4099, 0.2956, 0.3565

Triad

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



47.4099, 0.3207, 0.3713



47.4099, 0.2673, 0.2937



47.4099, 0.3509, 0.3229

Complementary

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



47.4099, 0.3207, 0.3713



37.4591, 0.3034, 0.2875

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.



47.4099, 0.3289, 0.3037



47.4099, 0.3207, 0.3713



47.4099, 0.2808, 0.2869

Square

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



47.4099, 0.3207, 0.3713



47.4099, 0.2655, 0.3105



47.4099, 0.3031, 0.2907



47.4099, 0.3624, 0.3443

Rectangle

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



47.4099, 0.3207, 0.3713



47.4099, 0.2813, 0.3417



47.4099, 0.3031, 0.2907



47.4099, 0.3445, 0.3160

Sweetspot

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



47.4119, 0.3207, 0.3713



89.1008, 0.3152, 0.3414



44.5686, 0.3395, 0.3536



19.1018, 0.3156, 0.3432



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.



47.4119, 0.3207, 0.3713



83.5883, 0.3225, 0.3823



46.2373, 0.3084, 0.3681



10.8255, 0.3173, 0.3523



25.4935, 0.3236, 0.5812



1.0366, 0.3435, 0.5655

Inverse Universe

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



37.4591, 0.3034, 0.2875



62.1209, 0.3008, 0.2770



38.8039, 0.3174, 0.2928



9.5062, 0.3077, 0.3060



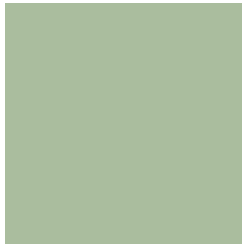
4.9956, 0.2267, 0.1023



0.2324, 0.2495, 0.1148

Previews

White Background



This preview shows how the Yxy color 47.4099, 0.3207, 0.3713 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 47.4099, 0.3207, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

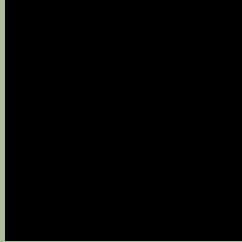
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4099, 0.3207, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 47.4099, 0.3207, 0.3713.



This preview shows how white text looks on a background with the Yxy color 47.4099, 0.3207, 0.3713.

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

47.4099, 0.3207, 0.3713

Protanopia

47.1599, 0.3445, 0.3640

Deuteranopia

47.1792, 0.3555, 0.3476



Tritanopia

47.1743, 0.2955, 0.3096

Trichromacy



Original Color

47.4099, 0.3207, 0.3713

Protanomaly

47.4125, 0.3359, 0.3673

Deuteranomaly

47.1879, 0.3424, 0.3560

Tritanomaly

47.1155, 0.3051, 0.3316

Monochromacy



Original Color

47.4099, 0.3207, 0.3713

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.0756, 0.3154, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4099, 0.3207, 0.3713 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(170, 189, 158)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 158)  
}
```

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(170, 189, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 158) }
```

Border

The CSS property to change the border of an element to Yxy 47.4099, 0.3207, 0.3713 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(170, 189, 158) }
```

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

```
.border{ border-color:rgb(170, 189, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 189, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 158);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4099, 0.3207, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 158) }
```

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

```
.background{ background-color: rgb(170,  
189, 158) }
```

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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