

Converting Colors

$Yxy(47.1818, 0.3463, 0.4225)$

Have a look what the booklet for
Yxy(47.1818, 0.3463, 0.4225)
contains.

Yxy(47.1267, 0.3459, 0.4227)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.1267, 0.3459, 0.4227)

Conversions

Conversions Part 1

Format	Color
Hex	A9BF7B
RGB	169, 191, 123
RGB Percent	66%, 75%, 48%
CMY	0.3373, 0.2509, 0.5177
CMYK	0.12, 0.00, 0.36, 0.25
HSL	79°, 35%, 62%
HSV	79°, 36%, 75%
XYZ	38.5643, 47.1267, 25.7987
YIQ	176.6700, 8.7160, -25.8120

Conversions

Conversions Part 2

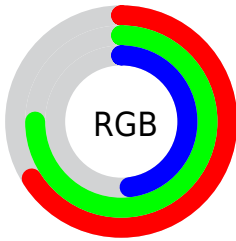
Format	Color
RYB	123, 191, 145
Decimal	11124603
CIELab	74.27, -18.94, 31.88
CIElCh	74, 37.083, 120.716
Yxy	47.1267, 0.3459, 0.4227
Android (android.graphics.Color)	4289314683 (0xFFA9BF7B)
YUV	176.6700, -26.4593, -6.7266
Hunter-Lab	68.6489, -19.8612, 25.7726

Details

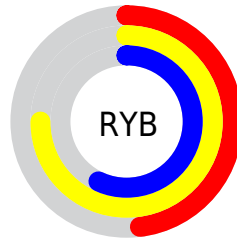
The Yxy color **47.1267, 0.3459, 0.4227** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.9471, 0.2694, 0.2291**, and the grayscale version is **43.9210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6637, 0.3409, 0.4048**, and **22.3710, 0.3529, 0.4514** is the 20% darker color. If you saturate the color by 10%, you get **46.0281, 0.3539, 0.4501**, and if you desaturate by 10%, it is **48.3551, 0.3370, 0.3951**.

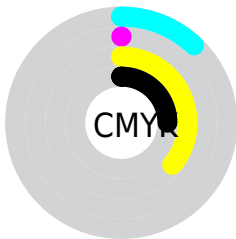
Distribution



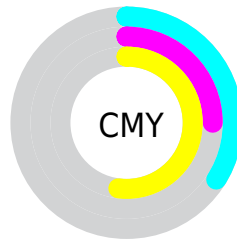
- Red (66%)
- Green (75%)
- Blue (48%)



- Red (48%)
- Yellow (75%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)




- Cyan (34%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1267, 0.3459, 0.4227 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 47.1267, 0.3459, 0.4227 by changing the saturation by 10% instead.


 47.1267, 0.3459,
0.4227


 47.1267, 0.3459,
0.4227


375.3200, 0.3306,
0.3746


 33.1358, 0.3492,
0.4349


 85.9027, 0.3407,
0.4050

 22.2305, 0.3529,
0.4507


 111.4566, 0.3387,
0.3984

 14.0264, 0.3572,
0.4717

 141.6337, 0.3369,
0.3929

 8.1390, 0.3616,
0.5006

176.8183, 0.3353,
0.3881

 4.1840, 0.3655,
0.5439

217.3949, 0.3339,
0.3841

 1.7770, 0.3725,
0.6275

263.7477, 0.3327,

 0.4728, 0.0000,

0.3805

1.0000

316.2613, 0.3316,
0.3774

0.0000, 0.0000,
0.0000

47.1267, 0.3459,
0.4227

47.1267, 0.3459,
0.4227

46.0281, 0.3539,
0.4501

48.3551, 0.3370,
0.3951

45.0473, 0.3604,
0.4762

49.7126, 0.3276,
0.3682

44.1798, 0.3651,
0.4999


51.2064, 0.3180,
0.3426


43.4185, 0.3674,
0.5199

52.8411, 0.3086,
0.3187


42.7549, 0.3672,
0.5354

54.6214, 0.2996,
0.2967


 42.1789, 0.3647,
0.5460

 56.5515, 0.2910,
0.2767

 41.9447, 0.3632,
0.5498

 58.5257, 0.2841,
0.2601

 59.4645, 0.2885,
0.2610

 60.4389, 0.2930,
0.2619

Harmonies

Analogous

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



47.1267, 0.3900, 0.4118



47.1267, 0.3459, 0.4227



47.1267, 0.2950, 0.4027

Triad

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



47.1267, 0.3459, 0.4227



47.1267, 0.2201, 0.2672



47.1267, 0.3753, 0.3005

Complementary

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



47.1267, 0.3459, 0.4227



23.9471, 0.2694, 0.2291

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.



47.1267, 0.3244, 0.2686



47.1267, 0.3459, 0.4227



47.1267, 0.2372, 0.2487

Square

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



47.1267, 0.3459, 0.4227



47.1267, 0.2248, 0.3056



47.1267, 0.2740, 0.2500



47.1267, 0.4092, 0.3400

Rectangle

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



47.1267, 0.3459, 0.4227



47.1267, 0.2642, 0.3739



47.1267, 0.2740, 0.2500



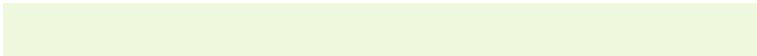
47.1267, 0.3593, 0.2887

Sweetspot

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



47.1288, 0.3459, 0.4227



90.1810, 0.3233, 0.3567



32.6149, 0.3863, 0.3588



19.7233, 0.3246, 0.3602



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.



47.1288, 0.3459, 0.4227



82.7900, 0.3524, 0.4449



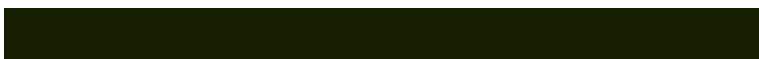
43.8852, 0.3175, 0.4317



10.9615, 0.3216, 0.3520



27.6071, 0.3640, 0.5492



1.1153, 0.3776, 0.5384

Inverse Universe

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



23.9471, 0.2694, 0.2291



34.9484, 0.2570, 0.2034



27.4545, 0.3036, 0.2384



9.3714, 0.3033, 0.3056



3.1812, 0.1743, 0.0734



0.1608, 0.2026, 0.0890

Previews

White Background



This preview shows how the Yxy color 47.1267, 0.3459, 0.4227 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 47.1267, 0.3459, 0.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

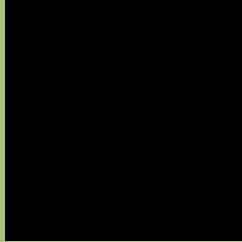
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1267, 0.3459, 0.4227

Background



This preview shows how black text looks on a background with the Yxy color 47.1267, 0.3459, 0.4227.



This preview shows how white text looks on a background with the Yxy color 47.1267, 0.3459, 0.4227.

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

47.1267, 0.3459, 0.4227

Protanopia

46.7936, 0.3791, 0.4092

Deuteranopia

46.5561, 0.3942, 0.3857



Tritanopia

47.0251, 0.2994, 0.3110

Trichromacy



Original Color

47.1267, 0.3459, 0.4227

Protanomaly

46.6188, 0.3667, 0.4146

Deuteranomaly

46.4282, 0.3762, 0.3978

Tritanomaly

46.6765, 0.3168, 0.3505

Monochromacy



Original Color

47.1267, 0.3459, 0.4227

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.8889, 0.3258, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1267, 0.3459, 0.4227 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(169, 191, 123)` looks like.

```
.text, #text, p{  
    color:rgb(169, 191, 123)  
}
```

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(169, 191, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 191, 123) }
```

Border

The CSS property to change the border of an element to Yxy 47.1267, 0.3459, 0.4227 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(169, 191, 123) }
```

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

```
.border{ border-color:rgb(169, 191, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 191, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 191, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 191, 123);  
box-shadow:4px 4px 4px 4px rgb(169, 191,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1267, 0.3459, 0.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 191, 123) }
```

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

```
.background{ background-color: rgb(169,  
191, 123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor