

Converting Colors

Yxy(44.6526, 0.3457, 0.4240)

Have a look what the booklet for
Yxy(44.6526, 0.3457, 0.4240)
contains.

Yxy(44.7651, 0.3456, 0.4249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.7651, 0.3456, 0.4249)

Conversions

Conversions Part 1

Format	Color
Hex	A4BB77
RGB	164, 187, 119
RGB Percent	64%, 73%, 47%
CMY	0.3569, 0.2667, 0.5333
CMYK	0.12, 0.00, 0.36, 0.27
HSL	80°, 33%, 60%
HSV	80°, 36%, 73%
XYZ	36.4105, 44.7651, 24.1788
YIQ	172.3710, 8.1200, -26.0240

Conversions

Conversions Part 2

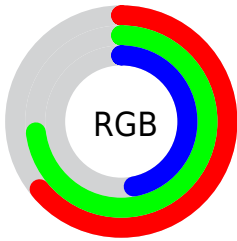
Format	Color
RYB	119, 187, 142
Decimal	10795895
CIELab	72.74, -19.35, 31.88
CIElCh	73, 37.297, 121.259
Yxy	44.7651, 0.3456, 0.4249
Android (android.graphics.Color)	4288985975 (0xFFA4BB77)
YUV	172.3710, -26.3119, -7.3414
Hunter-Lab	66.9067, -19.9475, 25.4084

Details

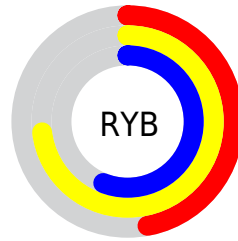
The Yxy color **44.7651, 0.3456, 0.4249** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **22.5383, 0.2694, 0.2271**, and the grayscale version is **41.5871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2954, 0.3407, 0.4062**, and **20.8594, 0.3526, 0.4553** is the 20% darker color. If you saturate the color by 10%, you get **43.7044, 0.3532, 0.4524**, and if you desaturate by 10%, it is **45.9517, 0.3370, 0.3972**.

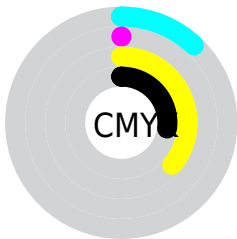
Distribution



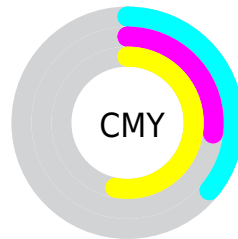
- Red (64%)
- Green (73%)
- Blue (47%)



- Red (47%)
- Yellow (73%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7651, 0.3456, 0.4249 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 44.7651, 0.3456, 0.4249 by changing the saturation by 10% instead.

 44.7651, 0.3456,
0.4249


 44.7651, 0.3456,
0.4249


365.8214, 0.3304,
0.3752

 31.2724, 0.3488,
0.4377


 82.3678, 0.3405,
0.4065

 20.8064, 0.3526,
0.4543


 107.2466, 0.3384,
0.3997

 12.9826, 0.3567,
0.4764

 136.6897, 0.3366,
0.3940

 7.4165, 0.3608,
0.5072

171.0813, 0.3351,
0.3891

 3.7239, 0.3661,
0.5574

210.8059, 0.3337,
0.3849

 1.5204, 0.3634,
0.6366

256.2478, 0.3325,

 0.3030, 0.0000,

0.3812

1.0000

307.7915, 0.3314,
0.3780

0.0000, 0.0000,
0.0000

44.7651, 0.3456,
0.4249

44.7651, 0.3456,
0.4249

43.7044, 0.3532,
0.4524

45.9517, 0.3370,
0.3972

42.7580, 0.3594,
0.4786

47.2634, 0.3279,
0.3702

41.9215, 0.3636,
0.5024


48.7072, 0.3186,
0.3445


41.1880, 0.3656,
0.5224

50.2877, 0.3094,
0.3205

40.5495, 0.3651,
0.5378


52.0092, 0.3006,
0.2984


 39.9954, 0.3622,
0.5484

 53.8759, 0.2922,
0.2782

 39.8072, 0.3609,
0.5516

 55.8918, 0.2843,
0.2600

 57.1520, 0.2856,
0.2561

 58.1263, 0.2902,
0.2571

Harmonies

Analogous

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



44.7651, 0.3910, 0.4140



44.7651, 0.3456, 0.4249



44.7651, 0.2936, 0.4039

Triad

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



44.7651, 0.3456, 0.4249



44.7651, 0.2183, 0.2653



44.7651, 0.3775, 0.3005

Complementary

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



44.7651, 0.3456, 0.4249



22.5383, 0.2694, 0.2271

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.



44.7651, 0.3256, 0.2678



44.7651, 0.3456, 0.4249



44.7651, 0.2361, 0.2468

Square

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



44.7651, 0.3456, 0.4249



44.7651, 0.2226, 0.3041



44.7651, 0.2739, 0.2485



44.7651, 0.4119, 0.3408

Rectangle

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



44.7651, 0.3456, 0.4249



44.7651, 0.2623, 0.3740



44.7651, 0.2739, 0.2485



44.7651, 0.3613, 0.2884

Sweetspot

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



44.7671, 0.3456, 0.4249



85.9535, 0.3230, 0.3567



31.1482, 0.3876, 0.3609



18.8513, 0.3243, 0.3602



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.



44.7671, 0.3456, 0.4249



78.5692, 0.3521, 0.4480



41.6480, 0.3166, 0.4343



10.9545, 0.3214, 0.3520



27.4672, 0.3616, 0.5511



1.1105, 0.3758, 0.5398

Inverse Universe

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



22.5383, 0.2694, 0.2271



32.6783, 0.2567, 0.2008



25.9776, 0.3046, 0.2369



9.3780, 0.3035, 0.3057



3.2425, 0.1763, 0.0745



0.1637, 0.2047, 0.0901

Previews

White Background



This preview shows how the Yxy color 44.7651, 0.3456, 0.4249 looks on a white background.

Color Contrast Check

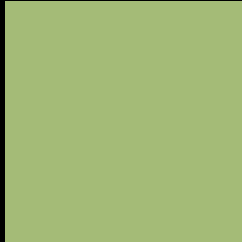
Large Text (above 18pt) WCAG AA × Fail

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 44.7651, 0.3456, 0.4249 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 44.7651, 0.3456, 0.4249

Background



This preview shows how black text looks on a background with the Yxy color 44.7651, 0.3456, 0.4249.



This preview shows how white text looks on a background with the Yxy color 44.7651, 0.3456, 0.4249.

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

44.7651, 0.3456, 0.4249

Protanopia

44.5479, 0.3805, 0.4108

Deuteranopia

44.3256, 0.3960, 0.3867



Tritanopia

44.6452, 0.2983, 0.3106

Trichromacy



Original Color

44.7651, 0.3456, 0.4249

Protanomaly

44.3760, 0.3678, 0.4163

Deuteranomaly

44.0579, 0.3765, 0.3993

Tritanomaly

44.3104, 0.3160, 0.3510

Monochromacy



Original Color

44.7651, 0.3456, 0.4249

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1792, 0.3253, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7651, 0.3456, 0.4249 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, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(164, 187, 119)  
}
```

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, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 187, 119) }
```

Border

The CSS property to change the border of an element to Yxy 44.7651, 0.3456, 0.4249 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, 187, 119) }
```

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

```
.border{ border-color:rgb(164, 187, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(164, 187,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7651, 0.3456, 0.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 187, 119) }
```

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

```
.background{ background-color: rgb(164,  
187, 119) }
```

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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