

Converting Colors

Yxy(47.0165, 0.3496, 0.4146)

Have a look what the booklet for
Yxy(47.0165, 0.3496, 0.4146)
contains.

Yxy(47.0155, 0.3496, 0.4147)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0155, 0.3496, 0.4147)

Conversions

Conversions Part 1

Format	Color
Hex	AFBD7E
RGB	175, 189, 126
RGB Percent	69%, 74%, 49%
CMY	0.3139, 0.2588, 0.5059
CMYK	0.07, 0.00, 0.33, 0.26
HSL	73°, 32%, 62%
HSV	73°, 33%, 74%
XYZ	39.6350, 47.0155, 26.7219
YIQ	177.6320, 11.8790, -22.5610

Conversions

Conversions Part 2

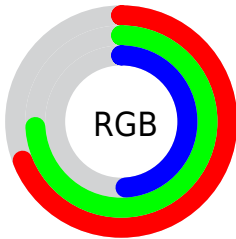
Format	Color
RYB	126, 189, 140
Decimal	11517310
CIELab	74.20, -15.24, 30.30
CIELCh	74, 33.916, 116.703
Yxy	47.0155, 0.3496, 0.4147
Android (android.graphics.Color)	4289707390 (0xFFAFBD7E)
YUV	177.6320, -25.4546, -2.3083
Hunter-Lab	68.5678, -16.8136, 24.8913

Details

The Yxy color **47.0155, 0.3496, 0.4147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.1752, 0.2667, 0.2347**, and the grayscale version is **44.4457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5484, 0.3437, 0.3987**, and **22.2677, 0.3585, 0.4402** is the 20% darker color. If you saturate the color by 10%, you get **46.0946, 0.3596, 0.4409**, and if you desaturate by 10%, it is **48.0480, 0.3387, 0.3881**.

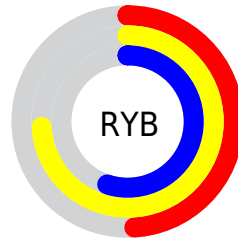
Distribution



Red (69%)

Green (74%)

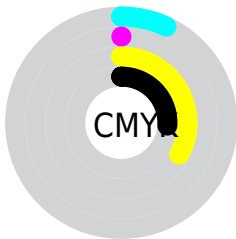
Blue (49%)



Red (49%)

Yellow (74%)

Blue (55%)

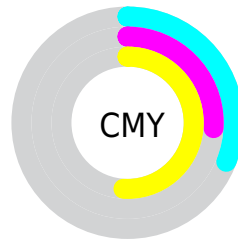


Cyan (7%)

Magenta (0%)

Yellow (33%)

Black (26%)



Cyan (31%)


Magenta (26%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0155, 0.3496, 0.4147 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 47.0155, 0.3496, 0.4147 by changing the saturation by 10% instead.


 47.0155, 0.3496,
0.4147

 47.0155, 0.3496,
0.4147


374.8764, 0.3322,
0.3709

 33.0479, 0.3535,
0.4258


 85.7368, 0.3436,
0.3987

 22.1631, 0.3581,
0.4400


 111.2592, 0.3412,
0.3927

 13.9768, 0.3637,
0.4589


 141.4021, 0.3392,
0.3876

 8.1046, 0.3702,
0.4849

176.5498, 0.3374,
0.3833

 4.1619, 0.3769,
0.5227

217.0866, 0.3359,
0.3796

 1.7645, 0.3955,
0.6045

263.3971, 0.3345,

 0.4649, 0.1306,

0.3763

0.8694

315.8656, 0.3333,
0.3735

0.0000, 0.0000,
0.0000

47.0155, 0.3496,
0.4147

47.0155, 0.3496,
0.4147

46.0946, 0.3596,
0.4409

48.0480, 0.3387,
0.3881

45.2738, 0.3684,
0.4658

49.1907, 0.3276,
0.3620

44.5491, 0.3752,
0.4881


50.4504, 0.3164,
0.3370

43.9142, 0.3799,
0.5070


51.8314, 0.3055,
0.3135

43.3614, 0.3820,
0.5215


53.3378, 0.2952,
0.2918


 42.8818, 0.3815,
0.5314

 54.9734, 0.2854,
0.2718

 42.5914, 0.3803,
0.5362

 56.5271, 0.2784,
0.2568

 57.1330, 0.2814,
0.2574

 57.7551, 0.2844,
0.2580

Harmonies

Analogous

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



47.0155, 0.3881, 0.4022



47.0155, 0.3496, 0.4147



47.0155, 0.3029, 0.4000

Triad

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



47.0155, 0.3496, 0.4147



47.0155, 0.2266, 0.2763



47.0155, 0.3643, 0.2984

Complementary

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



47.0155, 0.3496, 0.4147



24.1752, 0.2667, 0.2347

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.



47.0155, 0.3171, 0.2701



47.0155, 0.3496, 0.4147



47.0155, 0.2399, 0.2563

Square

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



47.0155, 0.3496, 0.4147



47.0155, 0.2338, 0.3138



47.0155, 0.2718, 0.2548



47.0155, 0.3982, 0.3345

Rectangle

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



47.0155, 0.3496, 0.4147



47.0155, 0.2737, 0.3757



47.0155, 0.2718, 0.2548



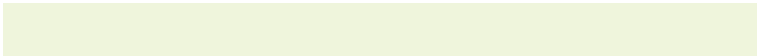
47.0155, 0.3493, 0.2878

Sweetspot

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



47.0176, 0.3496, 0.4147



88.7778, 0.3240, 0.3539



30.9809, 0.3830, 0.3482



19.0247, 0.3256, 0.3575



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.



47.0176, 0.3496, 0.4147



82.9673, 0.3570, 0.4339



43.8245, 0.3225, 0.4226



11.0103, 0.3231, 0.3519



28.6861, 0.3808, 0.5358



1.1506, 0.3905, 0.5281

Inverse Universe

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



24.1752, 0.2667, 0.2347



35.8153, 0.2542, 0.2109



27.2710, 0.2978, 0.2426



9.3253, 0.3018, 0.3055



2.8342, 0.1627, 0.0670



0.1409, 0.1875, 0.0806

Previews

White Background



This preview shows how the Yxy color 47.0155, 0.3496, 0.4147 looks on a white background.

Color Contrast Check

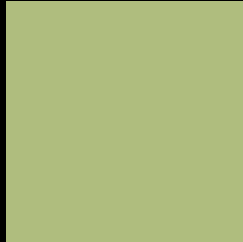
Large Text (above 18pt) WCAG AA × Fail

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 47.0155, 0.3496, 0.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

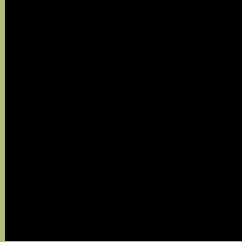
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0155, 0.3496, 0.4147

Background



This preview shows how black text looks on a background with the Yxy color 47.0155, 0.3496, 0.4147.



This preview shows how white text looks on a background with the Yxy color 47.0155, 0.3496, 0.4147.

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

47.0155, 0.3496, 0.4147

Protanopia

46.7563, 0.3749, 0.4046

Deuteranopia

46.6088, 0.3925, 0.3834



Tritanopia

46.7730, 0.3043, 0.3099

Trichromacy



Original Color

47.0155, 0.3496, 0.4147

Protanomaly

46.9720, 0.3654, 0.4089

Deuteranomaly

46.3553, 0.3768, 0.3936

Tritanomaly

46.5930, 0.3213, 0.3462

Monochromacy



Original Color

47.0155, 0.3496, 0.4147

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.3062, 0.3268, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0155, 0.3496, 0.4147 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(175, 189, 126)` looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 126)  
}
```

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(175, 189, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 126) }
```

Border

The CSS property to change the border of an element to Yxy 47.0155, 0.3496, 0.4147 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(175, 189, 126) }
```

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

```
.border{ border-color:rgb(175, 189, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 189, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 189, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 189, 126);  
box-shadow:4px 4px 4px 4px rgb(175, 189,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0155, 0.3496, 0.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 126) }
```

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

```
.background{ background-color: rgb(175,  
189, 126) }
```

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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