

Converting Colors

$Yxy(46.5253, 0.3167, 0.3519)$

Have a look what the booklet for
Yxy(46.5253, 0.3167, 0.3519)
contains.

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Color

Yxy(46.5237, 0.3167, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	AEB9A8
RGB	174, 185, 168
RGB Percent	68%, 73%, 66%
CMY	0.3177, 0.2745, 0.3412
CMYK	0.06, 0.00, 0.09, 0.27
HSL	99°, 11%, 69%
HSV	99°, 9%, 73%
XYZ	41.8700, 46.5237, 43.8135
YIQ	179.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

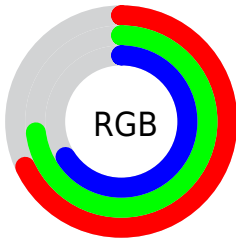
Format	Color
RYB	168, 185, 179
Decimal	11450792
CIELab	73.88, -6.99, 7.32
CIELCh	74, 10.118, 133.672
Yxy	46.5237, 0.3167, 0.3519
Android (android.graphics.Color)	4289640872 (0xFFFAEB9A8)
YUV	179.7730, -5.8041, -5.0629
Hunter-Lab	68.2083, -9.7913, 9.6610

Details

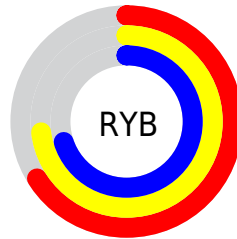
The Yxy color $46.5237, 0.3167, 0.3519$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.0892, 0.3084, 0.3064$, and the grayscale version is $45.5458, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8963, 0.3158, 0.3478$, and $21.9011, 0.3182, 0.3587$ is the 20% darker color. If you saturate the color by 10%, you get $44.5698, 0.3209, 0.3792$, and if you desaturate by 10%, it is $48.7024, 0.3124, 0.3271$.

Distribution



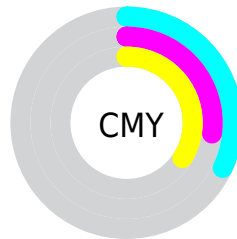
- Red (68%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)





- Cyan (32%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5237, 0.3167, 0.3519 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 46.5237, 0.3167, 0.3519 by changing the saturation by 10% instead.


 46.5237, 0.3167,
0.3519


 46.5237, 0.3167,
0.3519


372.9101, 0.3148,
0.3403

 32.6593, 0.3172,
0.3548


 85.0022, 0.3160,
0.3476

 21.8656, 0.3177,
0.3587


 110.3851, 0.3158,
0.3461

 13.7581, 0.3185,
0.3638


140.3763, 0.3155,
0.3447

 7.9526, 0.3194,
0.3711

175.3601, 0.3153,
0.3436

 4.0647, 0.3208,
0.3822

215.7210, 0.3152,
0.3426

 1.7098, 0.3227,
0.4013

261.8434, 0.3150,

 0.4300, 0.3564,

0.3417

0.6436

314.1116, 0.3149,
0.3410

0.0000, 0.0000,
0.0000

46.5237, 0.3167,
0.3519

46.5237, 0.3167,
0.3519

44.5698, 0.3209,
0.3792

48.7024, 0.3124,
0.3271

42.8274, 0.3247,
0.4087

51.1067, 0.3081,
0.3049

41.2906, 0.3279,
0.4397

53.7454, 0.3039,
0.2850

39.9514, 0.3302,
0.4713

56.6248, 0.2998,
0.2675

38.8008, 0.3312,
0.5021

59.3920, 0.2998,
0.2570

■ 37.8292, 0.3306,
0.5303

■ 61.4866, 0.3089,
0.2589

■ 37.0259, 0.3283,
0.5540

■ 63.1812, 0.3159,
0.2604

■ 36.3791, 0.3244,
0.5719

■ 35.8699, 0.3194,
0.5840

Harmonies

Analogous

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



46.5237, 0.3300, 0.3537



46.5237, 0.3167, 0.3519



46.5237, 0.3026, 0.3436

Triad

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



46.5237, 0.3167, 0.3519



46.5237, 0.2873, 0.3090



46.5237, 0.3344, 0.3264

Complementary

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



46.5237, 0.3167, 0.3519



41.0892, 0.3084, 0.3064

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.



46.5237, 0.3226, 0.3151



46.5237, 0.3167, 0.3519



46.5237, 0.2954, 0.3051

Square

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



46.5237, 0.3167, 0.3519



46.5237, 0.2858, 0.3184



46.5237, 0.3082, 0.3074



46.5237, 0.3404, 0.3386

Rectangle

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



46.5237, 0.3167, 0.3519



46.5237, 0.2946, 0.3355



46.5237, 0.3082, 0.3074



46.5237, 0.3310, 0.3224

Sweetspot

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



46.5257, 0.3167, 0.3519



85.6687, 0.3140, 0.3364



45.2893, 0.3270, 0.3432



18.4004, 0.3144, 0.3383



93.3107, 0.3127, 0.3290



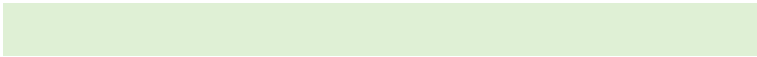
18.7317, 0.3127, 0.3290

Same Dimension

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



46.5257, 0.3167, 0.3519



82.5943, 0.3175, 0.3571



45.9370, 0.3099, 0.3491



10.2100, 0.3168, 0.3523



24.4344, 0.3199, 0.5842



0.8967, 0.3416, 0.5670

Inverse Universe

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



41.0892, 0.3084, 0.3064



70.9191, 0.3073, 0.3014



41.7249, 0.3157, 0.3097



9.0000, 0.3083, 0.3061



5.1340, 0.2349, 0.1068



0.2142, 0.2576, 0.1193

Previews

White Background



This preview shows how the Yxy color 46.5237, 0.3167, 0.3519 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 46.5237, 0.3167, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

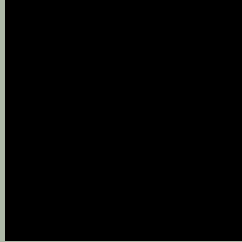
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

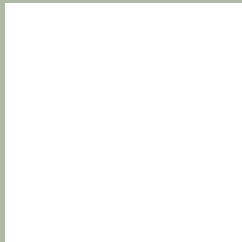
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5237, 0.3167, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 46.5237, 0.3167, 0.3519.



This preview shows how white text looks on a background with the Yxy color 46.5237, 0.3167, 0.3519.

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

46.5237, 0.3167, 0.3519

Protanopia

46.4923, 0.3310, 0.3486

Deuteranopia

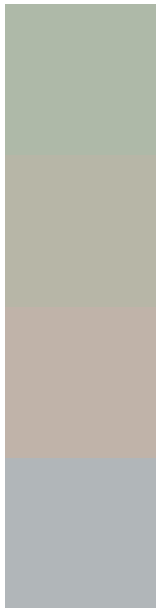
46.2587, 0.3423, 0.3353



Tritanopia

46.4529, 0.2994, 0.3109

Trichromacy



Original Color

46.5237, 0.3167, 0.3519

Protanomaly

46.3132, 0.3256, 0.3488

Deuteranomaly

46.3112, 0.3324, 0.3419

Tritanomaly

46.3058, 0.3062, 0.3250

Monochromacy



Original Color

46.5237, 0.3167, 0.3519

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.0555, 0.3140, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5237, 0.3167, 0.3519 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(174, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(174, 185, 168)  
}
```

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(174, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 185, 168) }
```

Border

The CSS property to change the border of an element to Yxy 46.5237, 0.3167, 0.3519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

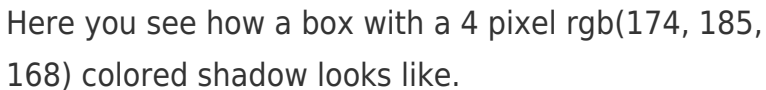
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 185, 168) }
```

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

```
.border{ border-color:rgb(174, 185, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 185, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 185, 168); box-shadow:4px 4px 4px 4px rgb(174, 185, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5237, 0.3167, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 185, 168) }
```

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

```
.background{ background-color: rgb(174,  
185, 168) }
```

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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