

Converting Colors

$Yxy(47.4578, 0.3138, 0.3616)$

Have a look what the booklet for
Yxy(47.4578, 0.3138, 0.3616)
contains.

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Color

Yxy(47.4366, 0.3136, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	A8BDA5
RGB	168, 189, 165
RGB Percent	66%, 74%, 65%
CMY	0.3414, 0.2587, 0.3529
CMYK	0.11, 0.00, 0.13, 0.26
HSL	113°, 15%, 69%
HSV	113°, 13%, 74%
XYZ	41.1283, 47.4366, 42.5841
YIQ	179.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

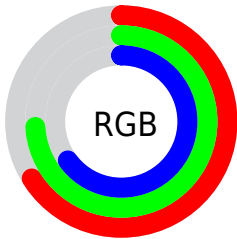
Format	Color
RYB	165, 189, 186
Decimal	11058597
CIELab	74.47, -11.76, 9.72
CIELCh	74, 15.260, 140.436
Yxy	47.4366, 0.3136, 0.3617
Android (android.graphics.Color)	4289248677 (0xFFA8BDA5)
YUV	179.9850, -7.3876, -10.5108
Hunter-Lab	68.8742, -13.9384, 11.5537

Details

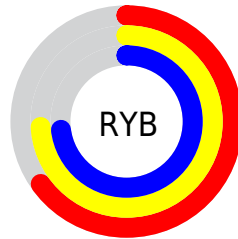
The Yxy color $47.4366, 0.3136, 0.3617$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $41.0327, 0.3115, 0.2979$, and the grayscale version is $45.6718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1601, 0.3134, 0.3553$, and $22.5136, 0.3140, 0.3723$ is the 20% darker color. If you saturate the color by 10%, you get $45.0956, 0.3141, 0.3909$, and if you desaturate by 10%, it is $50.1155, 0.3129, 0.3355$.

Distribution



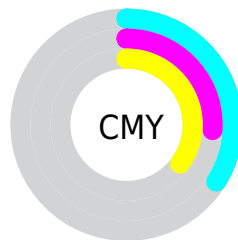
- Red (66%)
- Green (74%)
- Blue (65%)



- Red (65%)
- Yellow (74%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)





- Cyan (34%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4366, 0.3136, 0.3617 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 47.4366, 0.3136, 0.3617 by changing the saturation by 10% instead.


 47.4366, 0.3136,
0.3617


 47.4366, 0.3136,
0.3617


376.5546, 0.3133,
0.3451

 33.3809, 0.3136,
0.3659


 86.3650, 0.3135,
0.3556

 22.4184, 0.3136,
0.3715


 112.0065, 0.3135,
0.3533

 14.1647, 0.3135,
0.3789


142.2787, 0.3135,
0.3514

 8.2353, 0.3133,
0.3895

177.5660, 0.3134,
0.3498

 4.2459, 0.3127,
0.4057

218.2529, 0.3134,
0.3484

 1.8120, 0.3109,
0.4335

264.7237, 0.3134,

 0.4947, 0.2700,

0.3471

0.7300

317.3628, 0.3133,
0.3460

0.0000, 0.0000,
0.0000

47.4366, 0.3136,
0.3617

47.4366, 0.3136,
0.3617

45.0956, 0.3141,
0.3909

50.1155, 0.3129,
0.3355

43.0732, 0.3142,
0.4229

53.1386, 0.3121,
0.3125

41.3575, 0.3139,
0.4568

56.5198, 0.3112,
0.2924

39.9333, 0.3131,
0.4912

60.2702, 0.3103,
0.2749

38.7843, 0.3118,
0.5241

64.1069, 0.3126,
0.2637

■ 37.8926, 0.3098,
0.5531

■ 64.8834, 0.3157,
0.2644

■ 37.2378, 0.3074,
0.5758

■ 36.7967, 0.3047,
0.5907

■ 36.5877, 0.3031,
0.5975

Harmonies

Analogous

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



47.4366, 0.3343, 0.3666



47.4366, 0.3136, 0.3617



47.4366, 0.2931, 0.3471

Triad

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



47.4366, 0.3136, 0.3617



47.4366, 0.2768, 0.2970



47.4366, 0.3483, 0.3290

Complementary

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



47.4366, 0.3136, 0.3617



41.0327, 0.3115, 0.2979

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.



47.4366, 0.3320, 0.3118



47.4366, 0.3136, 0.3617



47.4366, 0.2906, 0.2936

Square

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



47.4366, 0.3136, 0.3617



47.4366, 0.2723, 0.3091



47.4366, 0.3107, 0.2990



47.4366, 0.3548, 0.3468

Rectangle

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



47.4366, 0.3136, 0.3617



47.4366, 0.2823, 0.3342



47.4366, 0.3107, 0.2990



47.4366, 0.3438, 0.3230

Sweetspot

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



47.4386, 0.3136, 0.3617



89.0512, 0.3130, 0.3389



48.5782, 0.3320, 0.3560



19.0690, 0.3131, 0.3408



95.5105, 0.3127, 0.3290



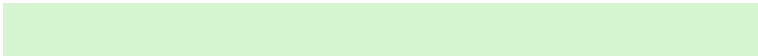
19.5994, 0.3127, 0.3290

Same Dimension

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



47.4386, 0.3136, 0.3617



83.8259, 0.3137, 0.3688



47.4509, 0.3046, 0.3496



10.7042, 0.3134, 0.3526



24.6303, 0.3036, 0.5972



0.9834, 0.3149, 0.5881

Inverse Universe

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



41.0327, 0.3115, 0.2979



70.3082, 0.3112, 0.2915



41.0347, 0.3218, 0.3092



9.6353, 0.3119, 0.3063



7.9359, 0.2905, 0.1374



0.3278, 0.2983, 0.1417

Previews

White Background



This preview shows how the Yxy color 47.4366, 0.3136, 0.3617 looks on a white background.

Color Contrast Check

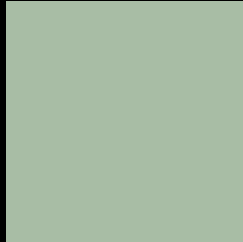
Large Text (above 18pt) WCAG AA × Fail

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 47.4366, 0.3136, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

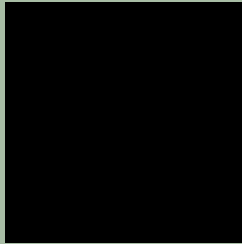
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

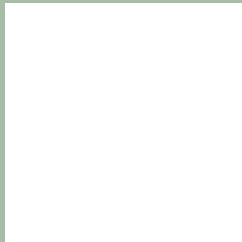
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4366, 0.3136, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 47.4366, 0.3136, 0.3617.



This preview shows how white text looks on a background with the Yxy color 47.4366, 0.3136, 0.3617.

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

47.4366, 0.3136, 0.3617

Protanopia

47.1409, 0.3369, 0.3550

Deuteranopia

46.9996, 0.3466, 0.3390



Tritanopia

47.2887, 0.2925, 0.3095

Trichromacy



Original Color

47.4366, 0.3136, 0.3617

Protanomaly

47.4095, 0.3284, 0.3581

Deuteranomaly

47.0442, 0.3338, 0.3471

Tritanomaly

47.3636, 0.2997, 0.3276

Monochromacy



Original Color

47.4366, 0.3136, 0.3617

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.1922, 0.3131, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4366, 0.3136, 0.3617 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(168, 189, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 189, 165)  
}
```

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(168, 189, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 189, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.4366, 0.3136, 0.3617 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(168, 189, 165) }
```

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

```
.border{ border-color:rgb(168, 189, 165) }
```

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

Here you see how a box with a 4 pixel rgb(168, 189, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 189, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 189, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 189,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4366, 0.3136, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 189, 165) }
```

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

```
.background{ background-color: rgb(168,  
189, 165) }
```

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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