

Converting Colors

$Yxy(47.8735, 0.3167, 0.3535)$

Have a look what the booklet for
Yxy(47.8735, 0.3167, 0.3535)
contains.

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Color

Yxy(47.9450, 0.3165, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	AFBCA9
RGB	175, 188, 169
RGB Percent	69%, 74%, 66%
CMY	0.3138, 0.2627, 0.3373
CMYK	0.07, 0.00, 0.10, 0.26
HSL	101°, 12%, 70%
HSV	101°, 10%, 74%
XYZ	42.8177, 47.9450, 44.5223
YIQ	181.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

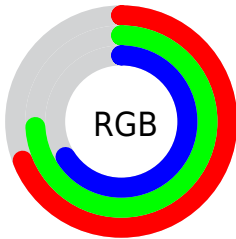
Format	Color
RYB	169, 188, 182
Decimal	11517097
CIELab	74.79, -8.04, 8.09
CIElCh	75, 11.407, 134.840
Yxy	47.9450, 0.3165, 0.3544
Android (android.graphics.Color)	4289707177 (0xFFAFBCA9)
YUV	181.9470, -6.3829, -6.0925
Hunter-Lab	69.2423, -10.7942, 10.3466

Details

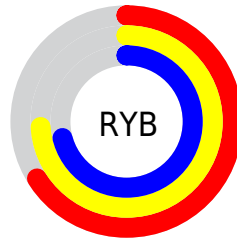
The Yxy color $47.9450, 0.3165, 0.3544$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.9465, 0.3085, 0.3041$, and the grayscale version is $46.7830, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0721, 0.3163, 0.3497$, and $22.8233, 0.3179, 0.3620$ is the 20% darker color. If you saturate the color by 10%, you get $45.8714, 0.3201, 0.3821$, and if you desaturate by 10%, it is $50.2664, 0.3128, 0.3293$.

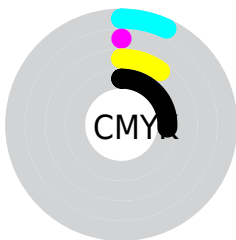
Distribution



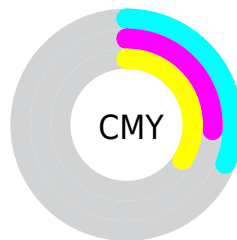
- Red (69%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)




- Cyan (31%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9450, 0.3165, 0.3544 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 47.9450, 0.3165, 0.3544 by changing the saturation by 10% instead.

 47.9450, 0.3165,
0.3544

 47.9450, 0.3165,
0.3544

378.5741, 0.3147,
0.3416

 33.7833, 0.3169,
0.3576


 87.1225, 0.3159,
0.3497

 22.7272, 0.3174,
0.3618


112.9071, 0.3156,
0.3480

 14.3922, 0.3181,
0.3675


143.3349, 0.3154,
0.3465

 8.3940, 0.3189,
0.3754

178.7901, 0.3152,
0.3452

 4.3480, 0.3200,
0.3875

219.6573, 0.3151,
0.3441

 1.8701, 0.3215,
0.4080

266.3207, 0.3149,

 0.5303, 0.3620,

0.3432

0.6240

319.1649, 0.3148,
0.3423

0.0000, 0.0000,
0.0000

47.9450, 0.3165,
0.3544

47.9450, 0.3165,
0.3544

45.8714, 0.3201,
0.3821

50.2664, 0.3128,
0.3293

44.0312, 0.3233,
0.4121

52.8373, 0.3090,
0.3068

42.4176, 0.3258,
0.4436

55.6671, 0.3053,
0.2869

41.0213, 0.3274,
0.4758

58.7632, 0.3018,
0.2693

39.8322, 0.3278,
0.5069

61.6073, 0.3040,
0.2610

■ 38.8396, 0.3268,
0.5353

■ 63.9340, 0.3137,
0.2630

■ 38.0312, 0.3241,
0.5589

■ 64.4523, 0.3158,
0.2634

■ 37.3934, 0.3201,
0.5763

■ 36.9090, 0.3154,
0.5878

Harmonies

Analogous

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



47.9450, 0.3314, 0.3566



47.9450, 0.3165, 0.3544



47.9450, 0.3008, 0.3448

Triad

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



47.9450, 0.3165, 0.3544



47.9450, 0.2846, 0.3064



47.9450, 0.3374, 0.3266

Complementary

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



47.9450, 0.3165, 0.3544



41.9465, 0.3085, 0.3041

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.



47.9450, 0.3243, 0.3139



47.9450, 0.3165, 0.3544



47.9450, 0.2939, 0.3023

Square

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



47.9450, 0.3165, 0.3544



47.9450, 0.2827, 0.3166



47.9450, 0.3083, 0.3052



47.9450, 0.3437, 0.3401

Rectangle

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



47.9450, 0.3165, 0.3544



47.9450, 0.2920, 0.3357



47.9450, 0.3083, 0.3052



47.9450, 0.3336, 0.3221

Sweetspot

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



47.9471, 0.3165, 0.3544



89.8099, 0.3139, 0.3364



47.0070, 0.3284, 0.3459



19.2390, 0.3142, 0.3384



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.



47.9471, 0.3165, 0.3544



86.0678, 0.3173, 0.3599



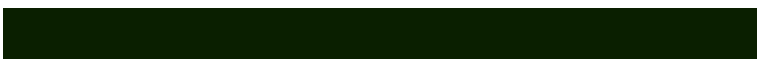
47.4015, 0.3089, 0.3500



10.7915, 0.3162, 0.3524



25.1609, 0.3162, 0.5871



1.0214, 0.3359, 0.5715

Inverse Universe

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



41.9465, 0.3085, 0.3041



73.1528, 0.3076, 0.2988



42.5437, 0.3168, 0.3089



9.5415, 0.3089, 0.3060



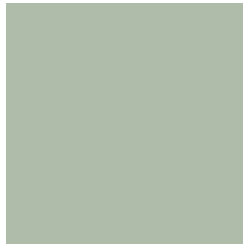
5.6789, 0.2436, 0.1115



0.2558, 0.2627, 0.1221

Previews

White Background



This preview shows how the Yxy color 47.9450, 0.3165, 0.3544 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 47.9450, 0.3165, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

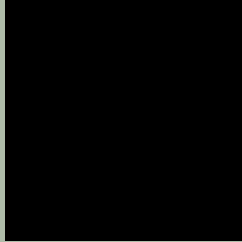
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

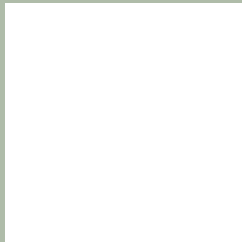
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9450, 0.3165, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 47.9450, 0.3165, 0.3544.



This preview shows how white text looks on a background with the Yxy color 47.9450, 0.3165, 0.3544.

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

47.9450, 0.3165, 0.3544

Protanopia

47.6965, 0.3334, 0.3510

Deuteranopia

47.5064, 0.3437, 0.3365



Tritanopia

48.0615, 0.2988, 0.3111

Trichromacy



Original Color

47.9450, 0.3165, 0.3544

Protanomaly

47.8022, 0.3270, 0.3526

Deuteranomaly

47.5521, 0.3339, 0.3431

Tritanomaly

47.7508, 0.3054, 0.3264

Monochromacy



Original Color

47.9450, 0.3165, 0.3544

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0390, 0.3140, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9450, 0.3165, 0.3544 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, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(175, 188, 169)  
}
```

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, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.9450, 0.3165, 0.3544 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, 188, 169) }
```

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

```
.border{ border-color:rgb(175, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(175, 188,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9450, 0.3165, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 188, 169) }
```

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

```
.background{ background-color: rgb(175,  
188, 169) }
```

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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