

Converting Colors

$Yxy(47.0274, 0.3151, 0.3505)$

Have a look what the booklet for
Yxy(47.0274, 0.3151, 0.3505)
contains.

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Color

Yxy(47.0188, 0.3151, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	AEBAAA
RGB	174, 186, 170
RGB Percent	68%, 73%, 67%
CMY	0.3176, 0.2706, 0.3335
CMYK	0.06, 0.00, 0.09, 0.27
HSL	105°, 10%, 70%
HSV	105°, 9%, 73%
XYZ	42.2700, 47.0188, 44.8590
YIQ	180.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

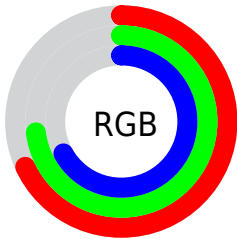
Format	Color
RYB	170, 186, 182
Decimal	11451050
CIELab	74.20, -7.15, 6.70
CIELCh	74, 9.798, 136.852
Yxy	47.0188, 0.3151, 0.3505
Android (android.graphics.Color)	4289641130 (0xFFFAEBAAA)
YUV	180.5880, -5.2199, -5.7777
Hunter-Lab	68.5703, -9.9621, 9.2114

Details

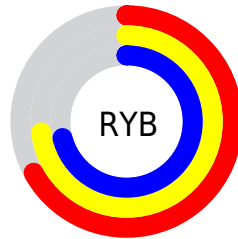
The Yxy color $47.0188, 0.3151, 0.3505$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.2200, 0.3101, 0.3080$, and the grayscale version is $46.0051, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.5985, 0.3145, 0.3467$, and $22.2206, 0.3160, 0.3567$ is the 20% darker color. If you saturate the color by 10%, you get $44.8512, 0.3177, 0.3780$, and if you desaturate by 10%, it is $49.4553, 0.3123, 0.3258$.

Distribution



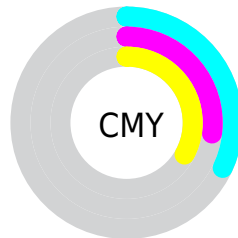
- Red (68%)
- Green (73%)
- Blue (67%)



- Red (67%)
- Yellow (73%)
- Blue (71%)



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





- Cyan (32%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0188, 0.3151, 0.3505 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 47.0188, 0.3151, 0.3505 by changing the saturation by 10% instead.


 47.0188, 0.3151,
0.3505

 47.0188, 0.3151,
0.3505

374.8896, 0.3140,
0.3396

 33.0505, 0.3154,
0.3533


 85.7417, 0.3147,
0.3465

 22.1651, 0.3157,
0.3568


111.2651, 0.3146,
0.3450

 13.9783, 0.3161,
0.3616


141.4090, 0.3144,
0.3438

 8.1056, 0.3166,
0.3684

176.5577, 0.3143,
0.3427

 4.1626, 0.3173,
0.3788

217.0958, 0.3142,
0.3418

 1.7649, 0.3181,
0.3964

263.4075, 0.3141,

 0.4652, 0.3472,

0.3410

0.6035

315.8773, 0.3140,
0.3403

0.0000, 0.0000,
0.0000

47.0188, 0.3151,
0.3505

47.0188, 0.3151,
0.3505

44.8512, 0.3177,
0.3780

49.4553, 0.3123,
0.3258

42.9372, 0.3200,
0.4081

52.1632, 0.3095,
0.3038

41.2692, 0.3217,
0.4400

55.1530, 0.3068,
0.2844

39.8367, 0.3227,
0.4729

58.4325, 0.3041,
0.2674

38.6288, 0.3226,
0.5052

61.4857, 0.3071,
0.2596

■ 37.6334, 0.3213,
0.5348

■ 63.5993, 0.3159,
0.2614

■ 36.8370, 0.3188,
0.5598

■ 36.2249, 0.3151,
0.5784

■ 35.7759, 0.3108,
0.5904

Harmonies

Analogous

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



47.0188, 0.3282, 0.3529



47.0188, 0.3151, 0.3505



47.0188, 0.3016, 0.3419

Triad

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



47.0188, 0.3151, 0.3505



47.0188, 0.2887, 0.3090



47.0188, 0.3346, 0.3277

Complementary

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



47.0188, 0.3151, 0.3505



42.2200, 0.3101, 0.3080

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.



47.0188, 0.3236, 0.3166



47.0188, 0.3151, 0.3505



47.0188, 0.2971, 0.3059

Square

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



47.0188, 0.3151, 0.3505



47.0188, 0.2866, 0.3176



47.0188, 0.3099, 0.3087



47.0188, 0.3396, 0.3394

Rectangle

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



47.0188, 0.3151, 0.3505



47.0188, 0.2942, 0.3339



47.0188, 0.3099, 0.3087



47.0188, 0.3315, 0.3238

Sweetspot

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



47.0208, 0.3151, 0.3505



87.6238, 0.3136, 0.3364



46.6843, 0.3259, 0.3444



19.2174, 0.3138, 0.3384



95.5105, 0.3127, 0.3290



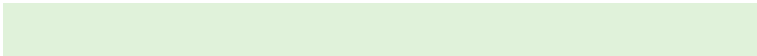
19.5994, 0.3127, 0.3290

Same Dimension

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



47.0208, 0.3151, 0.3505



84.5873, 0.3155, 0.3546



46.7058, 0.3088, 0.3456



10.1669, 0.3153, 0.3524



24.0636, 0.3111, 0.5912



0.8786, 0.3309, 0.5755

Inverse Universe

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



42.2200, 0.3101, 0.3080



74.4363, 0.3096, 0.3041



42.5635, 0.3168, 0.3130



9.0454, 0.3098, 0.3062



6.1144, 0.2585, 0.1198



0.2431, 0.2754, 0.1291

Previews

White Background



This preview shows how the Yxy color 47.0188, 0.3151, 0.3505 looks on a white background.

Color Contrast Check

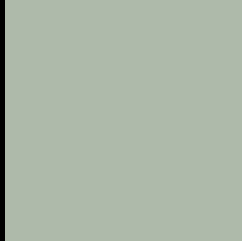
Large Text (above 18pt) WCAG AA × Fail

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 47.0188, 0.3151, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

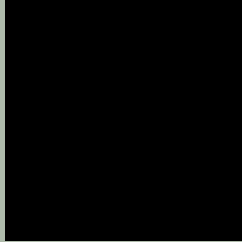
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

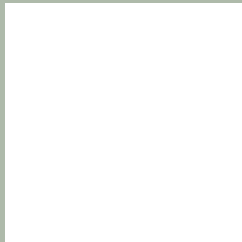
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0188, 0.3151, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 47.0188, 0.3151, 0.3505.



This preview shows how white text looks on a background with the Yxy color 47.0188, 0.3151, 0.3505.

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

47.0188, 0.3151, 0.3505

Protanopia

47.1019, 0.3301, 0.3472

Deuteranopia

46.8666, 0.3412, 0.3341



Tritanopia

46.9521, 0.2979, 0.3097

Trichromacy



Original Color

47.0188, 0.3151, 0.3505

Protanomaly

46.9219, 0.3247, 0.3474

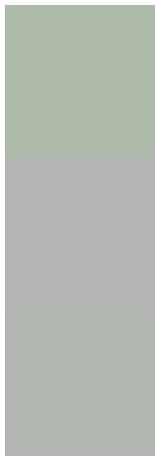
Deuteranomaly

46.9202, 0.3315, 0.3406

Tritanomaly

46.8019, 0.3046, 0.3237

Monochromacy



Original Color

47.0188, 0.3151, 0.3505

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5063, 0.3132, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0188, 0.3151, 0.3505 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, 186, 170)` looks like.

```
.text, #text, p{  
    color:rgb(174, 186, 170)  
}
```

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, 186, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 186, 170) }
```

Border

The CSS property to change the border of an element to Yxy 47.0188, 0.3151, 0.3505 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, 186, 170) }
```

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

```
.border{ border-color:rgb(174, 186, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 186, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 186, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 186, 170); box-shadow:4px 4px 4px 4px rgb(174, 186, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0188, 0.3151, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 186, 170) }
```

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

```
.background{ background-color: rgb(174,  
186, 170) }
```

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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