

Converting Colors

Yxy(47.9354, 0.3113, 0.3453)

Have a look what the booklet for
Yxy(47.9354, 0.3113, 0.3453)
contains.

Yxy(48.0603, 0.3111, 0.3463)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.0603, 0.3111, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	AEBCAF
RGB	174, 188, 175
RGB Percent	68%, 74%, 69%
CMY	0.3176, 0.2627, 0.3138
CMYK	0.07, 0.00, 0.07, 0.26
HSL	124°, 9%, 71%
HSV	124°, 7%, 74%
XYZ	43.1752, 48.0603, 47.5468
YIQ	182.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

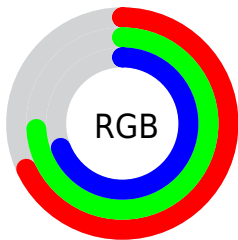
Format	Color
RYB	174, 187, 188
Decimal	11451567
CIELab	74.86, -7.29, 4.93
CIELCh	75, 8.801, 145.964
Yxy	48.0603, 0.3111, 0.3463
Android (android.graphics.Color)	4289641647 (0xFFFAEBCAF)
YUV	182.3320, -3.6147, -7.3072
Hunter-Lab	69.3255, -10.1519, 7.8639

Details

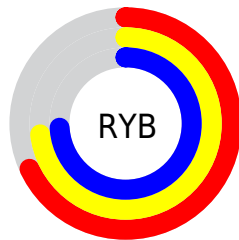
The Yxy color **48.0603, 0.3111, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5545, 0.3144, 0.3123**, and the grayscale version is **46.9918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1289, 0.3108, 0.3424**, and **22.8956, 0.3106, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **45.4087, 0.3088, 0.3723**, and if you desaturate by 10%, it is **51.1073, 0.3133, 0.3235**.

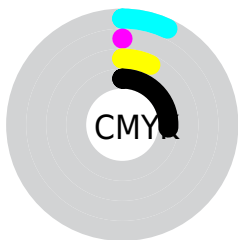
Distribution



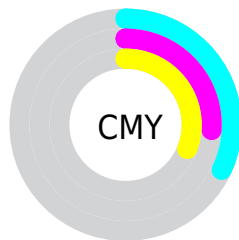
- Red (68%)
- Green (74%)
- Blue (69%)



- Red (68%)
- Yellow (73%)
- Blue (74%)



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



- Cyan (32%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0603, 0.3111, 0.3463 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 48.0603, 0.3111, 0.3463 by changing the saturation by 10% instead.

■ 48.0603, 0.3111,
0.3463

■ 48.0603, 0.3111,
0.3463

379.0311, 0.3120,
0.3376

■ 33.8746, 0.3109,
0.3485

■ 87.2942, 0.3114,
0.3431

■ 22.7973, 0.3106,
0.3513

113.1112, 0.3115,
0.3419

■ 14.4439, 0.3102,
0.3551

143.5741, 0.3116,
0.3409

■ 8.4301, 0.3095,
0.3605

179.0673, 0.3117,
0.3401

■ 4.3713, 0.3086,
0.3686

219.9752, 0.3118,
0.3393

■ 1.8834, 0.3068,
0.3822

266.6822, 0.3119,

■ 0.5384, 0.2996,

0.3387


0.4834


319.5727, 0.3119,
0.3381

 0.0000, 0.0000,
0.0000

 48.0603, 0.3111,
0.3463


 48.0603, 0.3111,
0.3463

 45.4087, 0.3088,
0.3723


 51.1073, 0.3133,
0.3235

 43.1304, 0.3065,
0.4013


 54.5584, 0.3152,
0.3036


 41.2105, 0.3042,
0.4331

 58.4300, 0.3171,
0.2865

 39.6308, 0.3020,
0.4665

 62.7354, 0.3187,
0.2717

 38.3713, 0.3002,
0.5001

 64.4490, 0.3158,
0.2634

■ 37.4101, 0.2989,
0.5318

■ 36.7226, 0.2982,
0.5591

■ 36.2800, 0.2983,
0.5800

■ 36.0423, 0.2988,
0.5933

Harmonies

Analogous

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



48.0603, 0.3232, 0.3503



48.0603, 0.3111, 0.3463



48.0603, 0.2996, 0.3374

Triad

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



48.0603, 0.3111, 0.3463



48.0603, 0.2930, 0.3098



48.0603, 0.3342, 0.3312

Complementary

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



48.0603, 0.3111, 0.3463



44.5545, 0.3144, 0.3123

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.



48.0603, 0.3258, 0.3208



48.0603, 0.3111, 0.3463



48.0603, 0.3020, 0.3085

Square

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



48.0603, 0.3111, 0.3463



48.0603, 0.2893, 0.3161



48.0603, 0.3140, 0.3126



48.0603, 0.3367, 0.3412

Rectangle

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



48.0603, 0.3111, 0.3463



48.0603, 0.2938, 0.3300



48.0603, 0.3140, 0.3126



48.0603, 0.3320, 0.3276

Sweetspot

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



48.0624, 0.3111, 0.3463



89.9982, 0.3123, 0.3336



49.5991, 0.3228, 0.3470



19.3662, 0.3123, 0.3333



95.5105, 0.3127, 0.3290



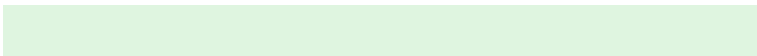
19.5994, 0.3127, 0.3290

Same Dimension

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



48.0624, 0.3111, 0.3463



86.2333, 0.3107, 0.3505



48.3429, 0.3059, 0.3370



10.6601, 0.3107, 0.3510



24.5121, 0.2985, 0.5947



0.9639, 0.2930, 0.5749

Inverse Universe

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



44.5545, 0.3144, 0.3123



78.5150, 0.3148, 0.3084



44.2635, 0.3201, 0.3212



9.6845, 0.3148, 0.3079



9.3884, 0.3390, 0.1641



0.3712, 0.3342, 0.1615

Previews

White Background



This preview shows how the Yxy color 48.0603, 0.3111, 0.3463 looks on a white background.

Color Contrast Check

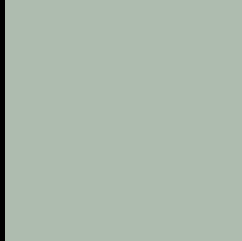
Large Text (above 18pt) WCAG AA × Fail

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 48.0603, 0.3111, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

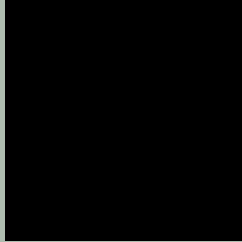
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

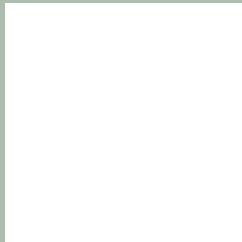
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0603, 0.3111, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 48.0603, 0.3111, 0.3463.



This preview shows how white text looks on a background with the Yxy color 48.0603, 0.3111, 0.3463.

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

48.0603, 0.3111, 0.3463

Protanopia

47.7927, 0.3276, 0.3432

Deuteranopia

47.8525, 0.3366, 0.3303



Tritanopia

47.8695, 0.2964, 0.3098

Trichromacy



Original Color

48.0603, 0.3111, 0.3463

Protanomaly

47.9054, 0.3213, 0.3447

Deuteranomaly

47.9279, 0.3270, 0.3367

Tritanomaly

47.7627, 0.3023, 0.3225

Monochromacy



Original Color

48.0603, 0.3111, 0.3463

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.1194, 0.3124, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0603, 0.3111, 0.3463 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, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(174, 188, 175)  
}
```

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, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 188, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.0603, 0.3111, 0.3463 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, 188, 175) }
```

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

```
.border{ border-color:rgb(174, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(174, 188,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0603, 0.3111, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 188, 175) }
```

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

```
.background{ background-color: rgb(174,  
188, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor