

Converting Colors

Yxy(47.4618, 0.3135, 0.3540)

Have a look what the booklet for
Yxy(47.4618, 0.3135, 0.3540)
contains.

Yxy(47.6017, 0.3140, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.6017, 0.3140, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	ACBCA9
RGB	172, 188, 169
RGB Percent	67%, 74%, 66%
CMY	0.3254, 0.2628, 0.3372
CMYK	0.08, 0.00, 0.10, 0.26
HSL	111°, 12%, 70%
HSV	111°, 10%, 74%
XYZ	42.1634, 47.6017, 44.5133
YIQ	181.0500, -3.4370, -9.3010

Conversions

Conversions Part 2

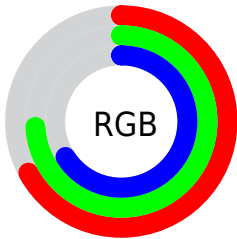
Format	Color
R _Y B	169, 188, 185
Decimal	11320489
CIE Lab	74.57, -9.07, 7.72
CIE LCh	75, 11.913, 139.580
Yxy	47.6017, 0.3140, 0.3545
Android (android.graphics.Color)	4289510569 (0xFFACBCA9)
YUV	181.0500, -5.9406, -7.9368
Hunter-Lab	68.9940, -11.6550, 10.0433

Details

The Yxy color **47.6017, 0.3140, 0.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3296, 0.3112, 0.3044**, and the grayscale version is **46.2747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4141, 0.3137, 0.3498**, and **22.6054, 0.3145, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **45.2617, 0.3151, 0.3828**, and if you desaturate by 10%, it is **50.2606, 0.3127, 0.3292**.

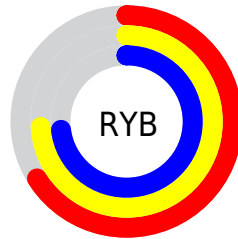
Distribution



Red (67%)

Green (74%)

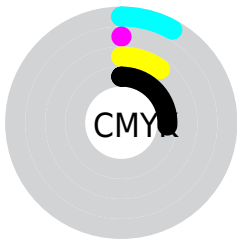
Blue (66%)



Red (66%)

Yellow (74%)

Blue (73%)

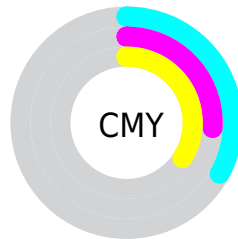


Cyan (8%)

Magenta (0%)

Yellow (10%)

Black (26%)



Cyan (33%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6017, 0.3140, 0.3545 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 47.6017, 0.3140, 0.3545 by changing the saturation by 10% instead.


 47.6017, 0.3140,
0.3545

 47.6017, 0.3140,
0.3545


377.2112, 0.3135,
0.3416

 33.5116, 0.3141,
0.3578


 86.6111, 0.3138,
0.3498

 22.5186, 0.3142,
0.3620


112.2991, 0.3138,
0.3480

 14.2385, 0.3143,
0.3677


142.6219, 0.3137,
0.3465

 8.2867, 0.3144,
0.3758

177.9639, 0.3136,
0.3453

 4.2790, 0.3144,
0.3881

218.7094, 0.3136,
0.3442

 1.8308, 0.3140,
0.4091

265.2429, 0.3135,

 0.5063, 0.3342,

0.3432

0.6513

317.9487, 0.3135,
0.3423

0.0000, 0.0000,
0.0000

47.6017, 0.3140,
0.3545

47.6017, 0.3140,
0.3545

45.2617, 0.3151,
0.3828

50.2606, 0.3127,
0.3292

43.2227, 0.3158,
0.4139

53.2435, 0.3114,
0.3069

41.4743, 0.3162,
0.4470

56.5629, 0.3099,
0.2874

40.0031, 0.3159,
0.4811

60.2290, 0.3085,
0.2704

38.7945, 0.3149,
0.5142

63.7239, 0.3129,
0.2628

■ 37.8329, 0.3131,
0.5442

■ 64.4449, 0.3158,
0.2634

■ 37.1007, 0.3106,
0.5687

■ 36.5778, 0.3075,
0.5860

■ 36.2367, 0.3046,
0.5963

Harmonies

Analogous

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



47.6017, 0.3301, 0.3581



47.6017, 0.3140, 0.3545



47.6017, 0.2979, 0.3434

Triad

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



47.6017, 0.3140, 0.3545



47.6017, 0.2843, 0.3042



47.6017, 0.3402, 0.3287

Complementary

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



47.6017, 0.3140, 0.3545



42.3296, 0.3112, 0.3044

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.



47.6017, 0.3273, 0.3151



47.6017, 0.3140, 0.3545



47.6017, 0.2951, 0.3011

Square

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



47.6017, 0.3140, 0.3545



47.6017, 0.2811, 0.3140



47.6017, 0.3108, 0.3052



47.6017, 0.3455, 0.3427

Rectangle

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



47.6017, 0.3140, 0.3545



47.6017, 0.2893, 0.3335



47.6017, 0.3108, 0.3052



47.6017, 0.3366, 0.3240

Sweetspot

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



47.6037, 0.3140, 0.3545



89.6091, 0.3131, 0.3364



48.1850, 0.3280, 0.3495



19.1848, 0.3132, 0.3384



95.5105, 0.3127, 0.3290



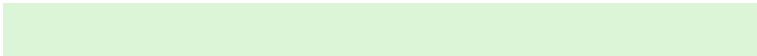
19.5994, 0.3127, 0.3290

Same Dimension

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



47.6037, 0.3140, 0.3545



85.3383, 0.3142, 0.3602



47.5114, 0.3067, 0.3460



10.7201, 0.3139, 0.3525



24.6945, 0.3051, 0.5959



0.9904, 0.3190, 0.5849

Inverse Universe

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



42.3296, 0.3112, 0.3044



73.9499, 0.3108, 0.2991



42.4398, 0.3192, 0.3126



9.6178, 0.3113, 0.3062



7.4670, 0.2817, 0.1325



0.3133, 0.2917, 0.1380

Previews

White Background



This preview shows how the Yxy color 47.6017, 0.3140, 0.3545 looks on a white background.

Color Contrast Check

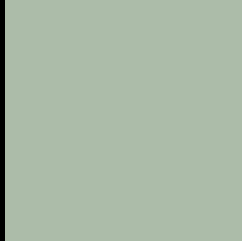
Large Text (above 18pt) WCAG AA × Fail

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 47.6017, 0.3140, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

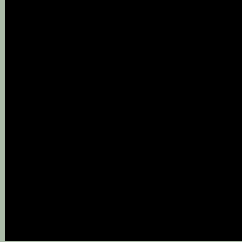
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6017, 0.3140, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 47.6017, 0.3140, 0.3545.



This preview shows how white text looks on a background with the Yxy color 47.6017, 0.3140, 0.3545.

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

47.6017, 0.3140, 0.3545

Protanopia

47.5673, 0.3325, 0.3510

Deuteranopia

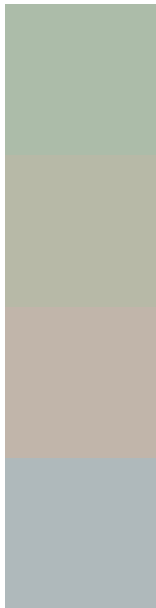
47.3637, 0.3428, 0.3365



Tritanopia

47.7053, 0.2964, 0.3110

Trichromacy



Original Color

47.6017, 0.3140, 0.3545

Protanomaly

47.5552, 0.3252, 0.3527

Deuteranomaly

47.2875, 0.3322, 0.3431

Tritanomaly

47.3997, 0.3029, 0.3264

Monochromacy



Original Color

47.6017, 0.3140, 0.3545

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9203, 0.3131, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6017, 0.3140, 0.3545 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(172, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.6017, 0.3140, 0.3545 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(172, 188, 169) }
```

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

```
.border{ border-color:rgb(172, 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(172, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(172, 188,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6017, 0.3140, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 169) }
```

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

```
.background{ background-color: rgb(172,  
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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