

Converting Colors

$Yxy(47.0549, 0.3095, 0.3416)$

Have a look what the booklet for
Yxy(47.0549, 0.3095, 0.3416)
contains.

Yxy(47.1366, 0.3096, 0.3423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.1366, 0.3096, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	ADBAB0
RGB	173, 186, 176
RGB Percent	68%, 73%, 69%
CMY	0.3215, 0.2706, 0.3097
CMYK	0.07, 0.00, 0.05, 0.27
HSL	134°, 9%, 70%
HSV	134°, 7%, 73%
XYZ	42.6336, 47.1366, 47.9353
YIQ	180.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

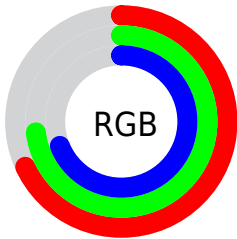
Format	Color
RYB	173, 184, 186
Decimal	11385520
CIELab	74.28, -6.38, 3.50
CIELCh	74, 7.280, 151.232
Yxy	47.1366, 0.3096, 0.3423
Android (android.graphics.Color)	4289575600 (0xFFADBAB0)
YUV	180.9730, -2.4517, -6.9923
Hunter-Lab	68.6561, -9.3044, 6.6633

Details

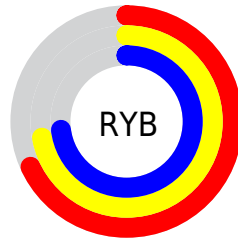
The Yxy color **47.1366, 0.3096, 0.3423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7526, 0.3160, 0.3161**, and the grayscale version is **46.2116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8244, 0.3096, 0.3393**, and **22.2952, 0.3086, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **44.6267, 0.3051, 0.3635**, and if you desaturate by 10%, it is **50.0054, 0.3141, 0.3236**.

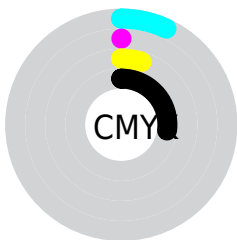
Distribution



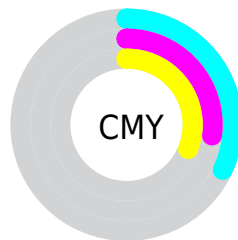
- Red (68%)
- Green (73%)
- Blue (69%)



- Red (68%)
- Yellow (72%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (32%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1366, 0.3096, 0.3423 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 47.1366, 0.3096, 0.3423 by changing the saturation by 10% instead.

■ 47.1366, 0.3096,
0.3423

■ 47.1366, 0.3096,
0.3423

375.3595, 0.3112,
0.3356

■ 33.1437, 0.3092,
0.3440

■ 85.9175, 0.3102,
0.3399

■ 22.2365, 0.3087,
0.3462

111.4742, 0.3104,
0.3389

■ 14.0308, 0.3080,
0.3491

141.6543, 0.3106,
0.3382

■ 8.1421, 0.3069,
0.3532

176.8422, 0.3107,
0.3375

■ 4.1860, 0.3054,
0.3595

217.4223, 0.3109,
0.3369

■ 1.7781, 0.3027,
0.3701

263.7789, 0.3110,


■ 0.4735, 0.2834,

0.3364

0.4560

316.2966, 0.3111,
0.3360

 0.0000, 0.0000,
0.0000

 47.1366, 0.3096,
0.3423


 47.1366, 0.3096,
0.3423

 44.6267, 0.3051,
0.3635

 50.0054, 0.3141,
0.3236

 42.4557, 0.3007,
0.3871


 53.2401, 0.3184,
0.3072


 40.6106, 0.2967,
0.4131

 56.8554, 0.3225,
0.2929

 39.0756, 0.2932,
0.4409

 60.8630, 0.3264,
0.2806

 37.8331, 0.2905,
0.4698

 63.1243, 0.3214,
0.2681

■ 36.8641, 0.2889,
0.4986

■ 63.5966, 0.3159,
0.2614

■ 36.1470, 0.2887,
0.5258

■ 35.6572, 0.2899,
0.5498

■ 35.3607, 0.2922,
0.5694

Harmonies

Analogous

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



47.1366, 0.3198, 0.3464



47.1366, 0.3096, 0.3423



47.1366, 0.3004, 0.3344

Triad

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



47.1366, 0.3096, 0.3423



47.1366, 0.2973, 0.3125



47.1366, 0.3314, 0.3324

Complementary

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



47.1366, 0.3096, 0.3423



43.7526, 0.3160, 0.3161

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.



47.1366, 0.3251, 0.3236



47.1366, 0.3096, 0.3423



47.1366, 0.3054, 0.3122

Square

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



47.1366, 0.3096, 0.3423



47.1366, 0.2933, 0.3171



47.1366, 0.3156, 0.3163



47.1366, 0.3325, 0.3405

Rectangle

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



47.1366, 0.3096, 0.3423



47.1366, 0.2959, 0.3282



47.1366, 0.3156, 0.3163



47.1366, 0.3298, 0.3294

Sweetspot

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



47.1386, 0.3096, 0.3423



87.9315, 0.3118, 0.3328



48.2246, 0.3205, 0.3459



19.3758, 0.3119, 0.3326



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.



47.1386, 0.3096, 0.3423



84.8859, 0.3091, 0.3446



47.3939, 0.3048, 0.3338



10.0932, 0.3085, 0.3471



23.7533, 0.2923, 0.5724



0.8471, 0.2781, 0.5213

Inverse Universe

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



43.7526, 0.3160, 0.3161



77.7870, 0.3166, 0.3139



43.4961, 0.3213, 0.3242



9.1263, 0.3172, 0.3116



8.3694, 0.3886, 0.1914



0.3038, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 47.1366, 0.3096, 0.3423 looks on a white background.

Color Contrast Check

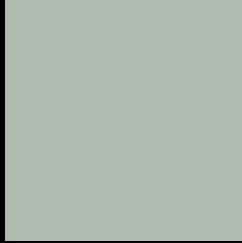
Large Text (above 18pt) WCAG AA × Fail

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 47.1366, 0.3096, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

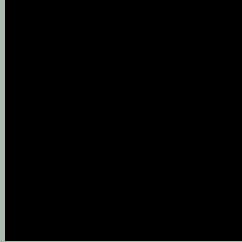
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

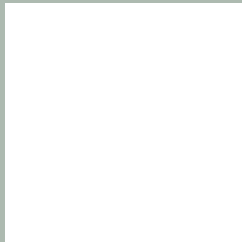
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1366, 0.3096, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 47.1366, 0.3096, 0.3423.



This preview shows how white text looks on a background with the Yxy color 47.1366, 0.3096, 0.3423.

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

47.1366, 0.3096, 0.3423

Protanopia

47.2033, 0.3243, 0.3394

Deuteranopia

46.8216, 0.3342, 0.3266



Tritanopia

47.1283, 0.2963, 0.3109

Trichromacy



Original Color

47.1366, 0.3096, 0.3423

Protanomaly

47.0294, 0.3191, 0.3395

Deuteranomaly

46.8932, 0.3247, 0.3329

Tritanomaly

47.0691, 0.3014, 0.3224

Monochromacy



Original Color

47.1366, 0.3096, 0.3423

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5866, 0.3116, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1366, 0.3096, 0.3423 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(173, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 176)  
}
```

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(173, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 176) }
```

Border

The CSS property to change the border of an element to Yxy 47.1366, 0.3096, 0.3423 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(173, 186, 176) }
```

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

```
.border{ border-color:rgb(173, 186, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1366, 0.3096, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 176) }
```

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

```
.background{ background-color: rgb(173,  
186, 176) }
```

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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