

Converting Colors

$Yxy(47.6766, 0.3089, 0.3381)$

Have a look what the booklet for
Yxy(47.6766, 0.3089, 0.3381)
contains.

Yxy(47.4864, 0.3090, 0.3382)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.4864, 0.3090, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	AFBAB3
RGB	175, 186, 179
RGB Percent	69%, 73%, 70%
CMY	0.3135, 0.2706, 0.2980
CMYK	0.06, 0.00, 0.04, 0.27
HSL	142°, 7%, 71%
HSV	142°, 6%, 73%
XYZ	43.3865, 47.4864, 49.5364
YIQ	181.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

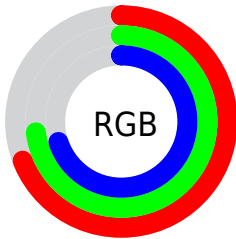
Format	Color
RYB	175, 183, 186
Decimal	11516595
CIELab	74.50, -5.10, 2.21
CIELCh	74, 5.561, 156.558
Yxy	47.4864, 0.3090, 0.3382
Android (android.graphics.Color)	4289706675 (0xFFAFBAB3)
YUV	181.9130, -1.4361, -6.0627
Hunter-Lab	68.9104, -8.2083, 5.6165

Details

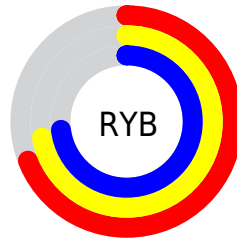
The Yxy color `47.4864, 0.3090, 0.3382` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `44.5003, 0.3166, 0.3200`, and the grayscale version is `46.7454, 0.3127, 0.3290`.

A 20% lighter version of the original color is `86.4913, 0.3098, 0.3362`, and `22.4924, 0.3087, 0.3417` is the 20% darker color. If you saturate the color by 10%, you get `45.0219, 0.3027, 0.3554`, and if you desaturate by 10%, it is `50.2927, 0.3153, 0.3229`.

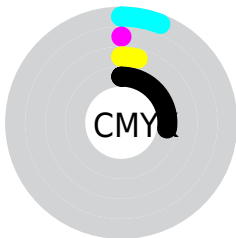
Distribution



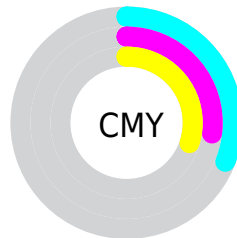
- Red (69%)
- Green (73%)
- Blue (70%)



- Red (69%)
- Yellow (72%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4864, 0.3090, 0.3382 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 47.4864, 0.3090, 0.3382 by changing the saturation by 10% instead.

■ 47.4864, 0.3090,
0.3382

■ 47.4864, 0.3090,
0.3382

376.7527, 0.3109,
0.3336

■ 33.4203, 0.3085,
0.3394

■ 86.4392, 0.3097,
0.3365

■ 22.4486, 0.3079,
0.3408

112.0948, 0.3099,
0.3359

■ 14.1869, 0.3071,
0.3428

142.3822, 0.3102,
0.3354

■ 8.2508, 0.3060,
0.3456

177.6861, 0.3103,
0.3349

■ 4.2558, 0.3042,
0.3499

218.3906, 0.3105,
0.3345

■ 1.8177, 0.3013,
0.3570

264.8803, 0.3106,

■ 0.4982, 0.2826,

0.3342

0.4034

317.5396, 0.3108,
0.3339

0.0000, 0.0000,
0.0000

47.4864, 0.3090,
0.3382

47.4864, 0.3090,
0.3382

45.0219, 0.3027,
0.3554

50.2927, 0.3153,
0.3229

42.8801, 0.2967,
0.3746

53.4470, 0.3215,
0.3095

41.0490, 0.2911,
0.3957

56.9631, 0.3276,
0.2977

39.5136, 0.2862,
0.4185

60.8522, 0.3333,
0.2874

38.2578, 0.2824,
0.4426

62.5641, 0.3284,
0.2767

■ 37.2636, 0.2800,
0.4672

■ 63.2858, 0.3194,
0.2657

■ 36.5110, 0.2793,
0.4916

■ 63.5918, 0.3159,
0.2614

■ 35.9770, 0.2803,
0.5147

■ 35.6326, 0.2831,
0.5356

Harmonies

Analogous

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



47.4864, 0.3168, 0.3419



47.4864, 0.3090, 0.3382



47.4864, 0.3023, 0.3319

Triad

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



47.4864, 0.3090, 0.3382



47.4864, 0.3019, 0.3161



47.4864, 0.3273, 0.3328

Complementary

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



47.4864, 0.3090, 0.3382



44.5003, 0.3166, 0.3200

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.



47.4864, 0.3233, 0.3260



47.4864, 0.3090, 0.3382



47.4864, 0.3085, 0.3165

Square

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



47.4864, 0.3090, 0.3382



47.4864, 0.2982, 0.3191



47.4864, 0.3163, 0.3201



47.4864, 0.3275, 0.3387

Rectangle

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



47.4864, 0.3090, 0.3382



47.4864, 0.2992, 0.3272



47.4864, 0.3163, 0.3201



47.4864, 0.3264, 0.3306

Sweetspot

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



47.4884, 0.3090, 0.3382



87.9690, 0.3114, 0.3321



48.1743, 0.3180, 0.3433



19.3837, 0.3115, 0.3320



95.5105, 0.3127, 0.3290



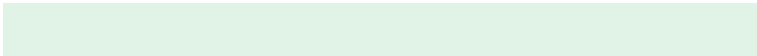
19.5994, 0.3127, 0.3290

Same Dimension

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



47.4884, 0.3090, 0.3382



85.5019, 0.3082, 0.3402



47.7082, 0.3050, 0.3311



10.2156, 0.3080, 0.3408



23.9151, 0.2837, 0.5412



0.8551, 0.2684, 0.4861

Inverse Universe

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



44.5003, 0.3166, 0.3200



78.9926, 0.3175, 0.3180



44.2841, 0.3211, 0.3269



9.4003, 0.3178, 0.3175



7.9279, 0.4369, 0.2180



0.2909, 0.3998, 0.1976

Previews

White Background



This preview shows how the Yxy color 47.4864, 0.3090, 0.3382 looks on a white background.

Color Contrast Check

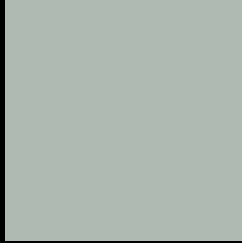
Large Text (above 18pt) WCAG AA × Fail

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 47.4864, 0.3090, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

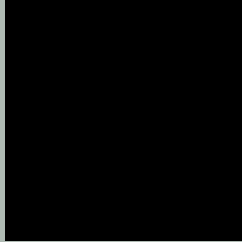
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

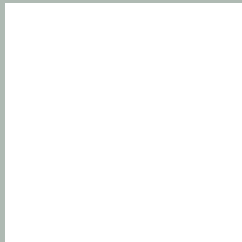
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4864, 0.3090, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 47.4864, 0.3090, 0.3382.



This preview shows how white text looks on a background with the Yxy color 47.4864, 0.3090, 0.3382.

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

47.4864, 0.3090, 0.3382

Protanopia

47.3216, 0.3219, 0.3355

Deuteranopia

47.1980, 0.3306, 0.3241



Tritanopia

47.4092, 0.2972, 0.3097

Trichromacy



Original Color

47.4864, 0.3090, 0.3382

Protanomaly

47.1486, 0.3167, 0.3355

Deuteranomaly

47.1443, 0.3231, 0.3290

Tritanomaly

47.3897, 0.3016, 0.3199

Monochromacy



Original Color

47.4864, 0.3090, 0.3382

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7869, 0.3109, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4864, 0.3090, 0.3382 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, 186, 179)` looks like.

```
.text, #text, p{  
    color:rgb(175, 186, 179)  
}
```

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, 186, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 186, 179) }
```

Border

The CSS property to change the border of an element to Yxy 47.4864, 0.3090, 0.3382 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, 186, 179) }
```

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

```
.border{ border-color:rgb(175, 186, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 186, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 186, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 186, 179);  
box-shadow:4px 4px 4px 4px rgb(175, 186,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4864, 0.3090, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 186, 179) }
```

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

```
.background{ background-color: rgb(175,  
186, 179) }
```

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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