

Converting Colors

$Yxy(47.8198, 0.3080, 0.3407)$

Have a look what the booklet for
Yxy(47.8198, 0.3080, 0.3407)
contains.

Yxy(47.6392, 0.3080, 0.3409)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.6392, 0.3080, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	ADBBB2
RGB	173, 187, 178
RGB Percent	68%, 73%, 70%
CMY	0.3216, 0.2667, 0.3018
CMYK	0.07, 0.00, 0.05, 0.27
HSL	142°, 9%, 71%
HSV	142°, 7%, 73%
XYZ	43.0416, 47.6392, 49.0646
YIQ	181.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

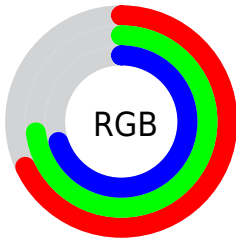
Format	Color
RYB	173, 183, 187
Decimal	11385778
CIELab	74.60, -6.54, 2.87
CIELCh	75, 7.144, 156.320
Yxy	47.6392, 0.3080, 0.3409
Android (android.graphics.Color)	4289575858 (0xFFADBBB2)
YUV	181.7880, -1.8675, -7.7071
Hunter-Lab	69.0212, -9.4745, 6.1677

Details

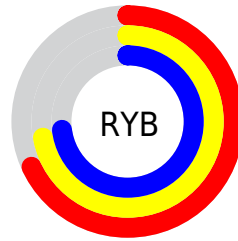
The Yxy color $47.6392, 0.3080, 0.3409$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.8262, 0.3177, 0.3174$, and the grayscale version is $46.6720, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5357, 0.3084, 0.3383$, and $22.5958, 0.3075, 0.3454$ is the 20% darker color. If you saturate the color by 10%, you get $45.1963, 0.3018, 0.3585$, and if you desaturate by 10%, it is $50.4265, 0.3143, 0.3253$.

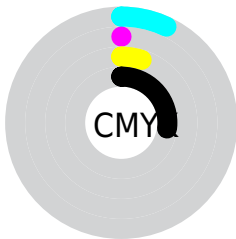
Distribution



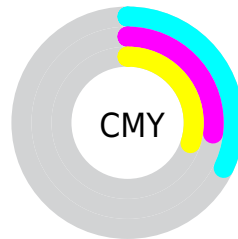
- Red (68%)
- Green (73%)
- Blue (70%)



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



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



- Cyan (32%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6392, 0.3080, 0.3409 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 47.6392, 0.3080, 0.3409 by changing the saturation by 10% instead.

■ 47.6392, 0.3080,
0.3409

■ 47.6392, 0.3080,
0.3409

377.3602, 0.3104,
0.3349

■ 33.5413, 0.3074,
0.3424

■ 86.6670, 0.3089,
0.3387

■ 22.5414, 0.3066,
0.3443

112.3656, 0.3092,
0.3379

■ 14.2553, 0.3056,
0.3469

142.6999, 0.3095,
0.3372

■ 8.2984, 0.3041,
0.3506

178.0542, 0.3097,
0.3366

■ 4.2865, 0.3019,
0.3561

218.8130, 0.3099,
0.3361

■ 1.8351, 0.2982,
0.3654

265.3607, 0.3101,

■ 0.5089, 0.2731,

0.3357

0.4290

318.0816, 0.3102,
0.3353

0.0000, 0.0000,
0.0000

47.6392, 0.3080,
0.3409

47.6392, 0.3080,
0.3409

45.1963, 0.3018,
0.3585

50.4265, 0.3143,
0.3253

43.0784, 0.2958,
0.3781

53.5647, 0.3205,
0.3115

41.2731, 0.2903,
0.3996

57.0679, 0.3265,
0.2994

39.7651, 0.2856,
0.4227

60.9474, 0.3323,
0.2888

38.5377, 0.2821,
0.4470

62.9682, 0.3287,
0.2781

■ 37.5724, 0.2800,
0.4718

■ 63.6949, 0.3196,
0.2670

■ 36.8485, 0.2795,
0.4961

■ 64.0217, 0.3158,
0.2624

■ 36.3419, 0.2809,
0.5190

■ 36.0181, 0.2838,
0.5395

Harmonies

Analogous

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



47.6392, 0.3180, 0.3457



47.6392, 0.3080, 0.3409



47.6392, 0.2994, 0.3328

Triad

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



47.6392, 0.3080, 0.3409



47.6392, 0.2988, 0.3125



47.6392, 0.3315, 0.3338

Complementary

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



47.6392, 0.3080, 0.3409



43.8262, 0.3177, 0.3174

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.



47.6392, 0.3262, 0.3251



47.6392, 0.3080, 0.3409



47.6392, 0.3072, 0.3129

Square

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



47.6392, 0.3080, 0.3409



47.6392, 0.2941, 0.3163



47.6392, 0.3173, 0.3176



47.6392, 0.3317, 0.3414

Rectangle

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



47.6392, 0.3080, 0.3409



47.6392, 0.2955, 0.3267



47.6392, 0.3173, 0.3176



47.6392, 0.3303, 0.3309

Sweetspot

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



47.6412, 0.3080, 0.3409



87.9683, 0.3114, 0.3321



48.5159, 0.3195, 0.3473



19.3835, 0.3115, 0.3320



95.5105, 0.3127, 0.3290



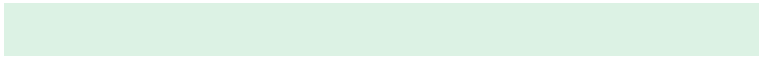
19.5994, 0.3127, 0.3290

Same Dimension

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



47.6412, 0.3080, 0.3409



84.5565, 0.3070, 0.3437



47.9240, 0.3028, 0.3317



10.7049, 0.3068, 0.3440



24.7822, 0.2839, 0.5421



0.9834, 0.2698, 0.4913

Inverse Universe

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



43.8262, 0.3177, 0.3174



76.3069, 0.3190, 0.3148



43.5494, 0.3235, 0.3263



9.6364, 0.3191, 0.3144



8.2228, 0.4361, 0.2176



0.3342, 0.4019, 0.1987

Previews

White Background



This preview shows how the Yxy color 47.6392, 0.3080, 0.3409 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 47.6392, 0.3080, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

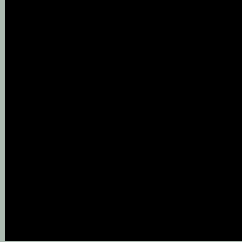
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

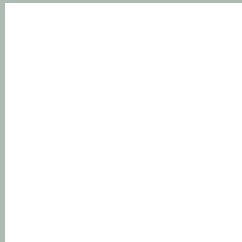
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6392, 0.3080, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 47.6392, 0.3080, 0.3409.



This preview shows how white text looks on a background with the Yxy color 47.6392, 0.3080, 0.3409.

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

47.6392, 0.3080, 0.3409

Protanopia

47.6929, 0.3226, 0.3380

Deuteranopia

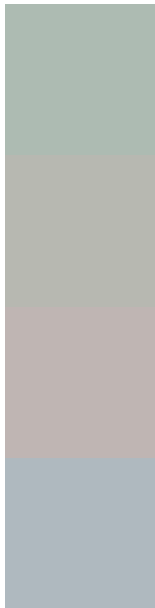
47.2961, 0.3324, 0.3253



Tritanopia

47.6346, 0.2948, 0.3097

Trichromacy



Original Color

47.6392, 0.3080, 0.3409

Protanomaly

47.5226, 0.3174, 0.3381

Deuteranomaly

47.3788, 0.3230, 0.3316

Tritanomaly

47.5735, 0.2999, 0.3211

Monochromacy



Original Color

47.6392, 0.3080, 0.3409

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2009, 0.3109, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6392, 0.3080, 0.3409 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, 187, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 187, 178)  
}
```

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, 187, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 187, 178) }
```

Border

The CSS property to change the border of an element to Yxy 47.6392, 0.3080, 0.3409 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, 187, 178) }
```

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

```
.border{ border-color:rgb(173, 187, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 187, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 187, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 187, 178);  
box-shadow:4px 4px 4px 4px rgb(173, 187,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6392, 0.3080, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 187, 178) }
```

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

```
.background{ background-color: rgb(173,  
187, 178) }
```

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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