

Converting Colors

$Yxy(47.5400, 0.3106, 0.3307)$

Have a look what the booklet for
Yxy(47.5400, 0.3106, 0.3307)
contains.

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Color

Yxy(47.4032, 0.3101, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	B4B8B7
RGB	180, 184, 183
RGB Percent	71%, 72%, 72%
CMY	0.2943, 0.2784, 0.2823
CMYK	0.02, 0.00, 0.01, 0.28
HSL	165°, 3%, 71%
HSV	165°, 2%, 72%
XYZ	44.5042, 47.4032, 51.6082
YIQ	182.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

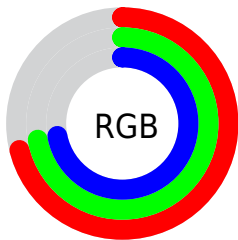
Format	Color
RYB	180, 182, 184
Decimal	11843767
CIELab	74.45, -1.60, 0.01
CIElCh	74, 1.596, 179.790
Yxy	47.4032, 0.3101, 0.3303
Android (android.graphics.Color)	4290033847 (0xFFB4B8B7)
YUV	182.6900, 0.1528, -2.3591
Hunter-Lab	68.8500, -5.1062, 3.7527

Details

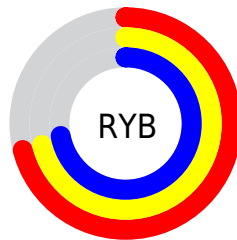
The Yxy color **47.4032, 0.3101, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1546, 0.3154, 0.3277**, and the grayscale version is **47.1737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3850, 0.3107, 0.3300**, and **22.3563, 0.3092, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **45.1548, 0.2984, 0.3366**, and if you desaturate by 10%, it is **49.9550, 0.3221, 0.3246**.

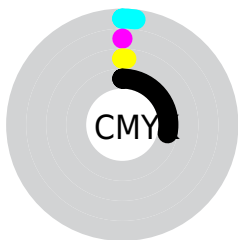
Distribution



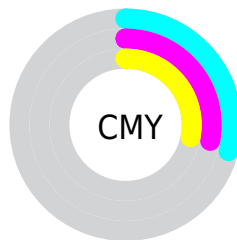
- Red (71%)
- Green (72%)
- Blue (72%)



- Red (71%)
- Yellow (71%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4032, 0.3101, 0.3303 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 47.4032, 0.3101, 0.3303 by changing the saturation by 10% instead.

■ 47.4032, 0.3101,
0.3303

■ 47.4032, 0.3101,
0.3303

376.4216, 0.3114,
0.3297

■ 33.3545, 0.3098,
0.3305

■ 86.3152, 0.3106,
0.3301

■ 22.3982, 0.3094,
0.3307

111.9472, 0.3108,
0.3300

■ 14.1498, 0.3088,
0.3309

142.2092, 0.3109,
0.3299

■ 8.2249, 0.3080,
0.3313

177.4855, 0.3110,
0.3298

■ 4.2392, 0.3069,
0.3319

218.1605, 0.3111,
0.3298

■ 1.8082, 0.3049,
0.3328

264.6186, 0.3112,

■ 0.4923, 0.2944,

0.3297

0.3379

317.2442, 0.3113,
0.3297

0.0000, 0.0000,
0.0000

47.4032, 0.3101,
0.3303

47.4032, 0.3101,
0.3303

45.1548, 0.2984,
0.3366

49.9550, 0.3221,
0.3246

43.1922, 0.2873,
0.3435

52.8150, 0.3341,
0.3196

41.5052, 0.2770,
0.3510

55.9956, 0.3461,
0.3151

40.0805, 0.2679,
0.3591

59.5066, 0.3578,
0.3112

38.9039, 0.2601,
0.3676

59.9956, 0.3551,
0.3066

■ 37.9598, 0.2540,
0.3765

■ 60.2205, 0.3513,
0.3019

■ 37.2307, 0.2497,
0.3856

■ 60.4520, 0.3475,
0.2973

■ 36.6966, 0.2473,
0.3948

■ 60.6900, 0.3437,
0.2928

■ 36.3337, 0.2469,
0.4040

■ 60.9346, 0.3400,
0.2883

Harmonies

Analogous

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



47.4032, 0.3122, 0.3319



47.4032, 0.3101, 0.3303



47.4032, 0.3087, 0.3283

Triad

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



47.4032, 0.3101, 0.3303



47.4032, 0.3110, 0.3253



47.4032, 0.3170, 0.3315

Complementary

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



47.4032, 0.3101, 0.3303



46.1546, 0.3154, 0.3277

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.



47.4032, 0.3167, 0.3297



47.4032, 0.3101, 0.3303



47.4032, 0.3133, 0.3261

Square

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



47.4032, 0.3101, 0.3303



47.4032, 0.3093, 0.3254



47.4032, 0.3154, 0.3277



47.4032, 0.3162, 0.3326

Rectangle

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



47.4032, 0.3101, 0.3303



47.4032, 0.3084, 0.3271



47.4032, 0.3154, 0.3277



47.4032, 0.3171, 0.3310

Sweetspot

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



47.4052, 0.3101, 0.3303



86.4386, 0.3115, 0.3296



47.4017, 0.3133, 0.3343



18.6394, 0.3116, 0.3296



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.4052, 0.3101, 0.3303



85.5529, 0.3091, 0.3308



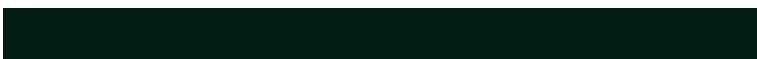
47.0279, 0.3094, 0.3277



10.4541, 0.3083, 0.3312



24.9094, 0.2472, 0.4100



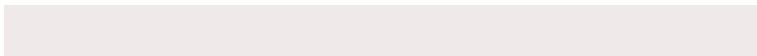
0.8874, 0.2407, 0.3865

Inverse Universe

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



46.1546, 0.3154, 0.3277



82.4304, 0.3165, 0.3272



46.5239, 0.3161, 0.3303



9.9874, 0.3173, 0.3268



7.1669, 0.5905, 0.3026



0.2628, 0.5161, 0.2617

Previews

White Background



This preview shows how the Yxy color 47.4032, 0.3101, 0.3303 looks on a white background.

Color Contrast Check

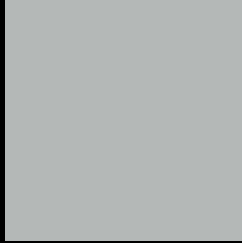
Large Text (above 18pt) WCAG AA × Fail

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 47.4032, 0.3101, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

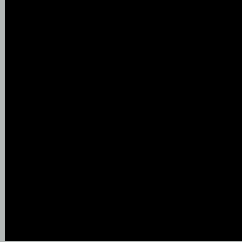
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

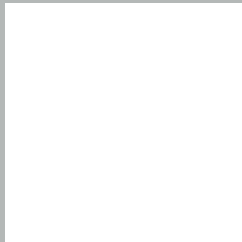
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4032, 0.3101, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 47.4032, 0.3101, 0.3303.



This preview shows how white text looks on a background with the Yxy color 47.4032, 0.3101, 0.3303.

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

47.4032, 0.3101, 0.3303

Protanopia

47.2724, 0.3161, 0.3290

Deuteranopia

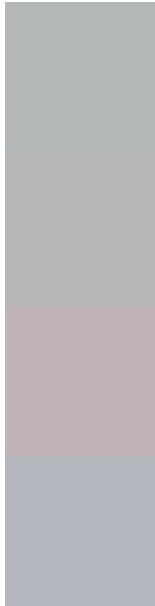
47.1843, 0.3272, 0.3203



Tritanopia

47.3865, 0.3019, 0.3111

Trichromacy



Original Color

47.4032, 0.3101, 0.3303

Protanomaly

47.4347, 0.3143, 0.3303

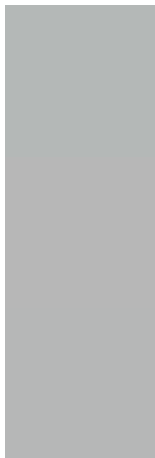
Deuteranomaly

47.4407, 0.3207, 0.3240

Tritanomaly

47.4523, 0.3049, 0.3187

Monochromacy



Original Color

47.4032, 0.3101, 0.3303

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2310, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4032, 0.3101, 0.3303 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(180, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 184, 183)  
}
```

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(180, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 184, 183) }
```

Border

The CSS property to change the border of an element to Yxy 47.4032, 0.3101, 0.3303 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(180, 184, 183) }
```

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

```
.border{ border-color:rgb(180, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 184,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4032, 0.3101, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 184, 183) }
```

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

```
.background{ background-color: rgb(180,  
184, 183) }
```

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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