

Converting Colors

$Yxy(47.7941, 0.3130, 0.3350)$

Have a look what the booklet for
Yxy(47.7941, 0.3130, 0.3350)
contains.

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Color

Yxy(47.8170, 0.3132, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9B4
RGB	181, 185, 180
RGB Percent	71%, 73%, 71%
CMY	0.2903, 0.2745, 0.2940
CMYK	0.02, 0.00, 0.03, 0.27
HSL	109°, 3%, 72%
HSV	109°, 3%, 73%
XYZ	44.6387, 47.8170, 50.0689
YIQ	183.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

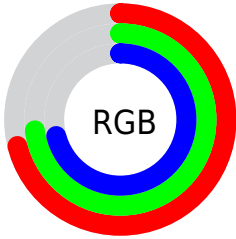
Format	Color
RYB	180, 185, 184
Decimal	11909556
CIELab	74.71, -2.34, 2.02
CIELCh	75, 3.091, 139.094
Yxy	47.8170, 0.3132, 0.3355
Android (android.graphics.Color)	4290099636 (0xFFB5B9B4)
YUV	183.2340, -1.5944, -1.9592
Hunter-Lab	69.1498, -5.7841, 5.4751

Details

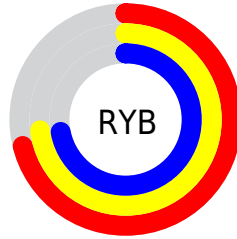
The Yxy color $47.8170, 0.3132, 0.3355$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.3547, 0.3122, 0.3226$, and the grayscale version is $47.4972, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9712, 0.3131, 0.3341$, and $22.6240, 0.3134, 0.3379$ is the 20% darker color. If you saturate the color by 10%, you get $45.3968, 0.3149, 0.3615$, and if you desaturate by 10%, it is $50.5375, 0.3114, 0.3124$.

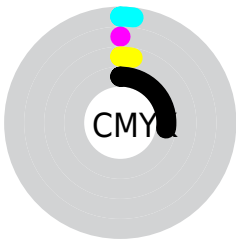
Distribution



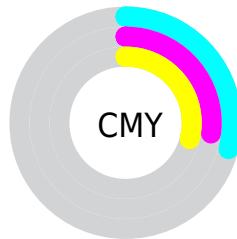
- Red (71%)
- Green (73%)
- Blue (71%)



- Red (71%)
- Yellow (73%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8170, 0.3132, 0.3355 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 47.8170, 0.3132, 0.3355 by changing the saturation by 10% instead.

■ 47.8170, 0.3132,
0.3355

■ 47.8170, 0.3132,
0.3355

378.0663, 0.3130,
0.3323

■ 33.6820, 0.3133,
0.3363

■ 86.9319, 0.3131,
0.3343

■ 22.6494, 0.3133,
0.3374

112.6805, 0.3131,
0.3339

■ 14.3348, 0.3134,
0.3387

143.0692, 0.3131,
0.3335

■ 8.3539, 0.3135,
0.3407

178.4822, 0.3130,
0.3332

■ 4.3222, 0.3137,
0.3436

219.3041, 0.3130,
0.3329

■ 1.8554, 0.3140,
0.3485

265.9191, 0.3130,

■ 0.5214, 0.3164,

0.3327

0.3762

318.7117, 0.3130,
0.3325

0.0000, 0.0000,
0.0000

47.8170, 0.3132,
0.3355

47.8170, 0.3132,
0.3355

45.3968, 0.3149,
0.3615

50.5375, 0.3114,
0.3124

43.2606, 0.3164,
0.3904

53.5618, 0.3095,
0.2922

41.3999, 0.3175,
0.4218

56.9012, 0.3077,
0.2745

39.8031, 0.3181,
0.4550

60.5644, 0.3059,
0.2590

38.4581, 0.3179,
0.4886

63.1833, 0.3159,
0.2605

■ 37.3517, 0.3169,
0.5208

■ 36.4695, 0.3149,
0.5493

■ 35.7955, 0.3121,
0.5721

■ 35.3111, 0.3086,
0.5876

Harmonies

Analogous

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



47.8170, 0.3173, 0.3365



47.8170, 0.3132, 0.3355



47.8170, 0.3090, 0.3328

Triad

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



47.8170, 0.3132, 0.3355



47.8170, 0.3053, 0.3226



47.8170, 0.3197, 0.3290

Complementary

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



47.8170, 0.3132, 0.3355



46.3547, 0.3122, 0.3226

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.



47.8170, 0.3165, 0.3253



47.8170, 0.3132, 0.3355



47.8170, 0.3081, 0.3217

Square

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



47.8170, 0.3132, 0.3355



47.8170, 0.3044, 0.3253



47.8170, 0.3122, 0.3227



47.8170, 0.3211, 0.3327

Rectangle

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



47.8170, 0.3132, 0.3355



47.8170, 0.3067, 0.3303



47.8170, 0.3122, 0.3227



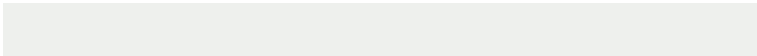
47.8170, 0.3188, 0.3277

Sweetspot

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



47.8191, 0.3132, 0.3355



86.4106, 0.3129, 0.3314



47.8994, 0.3167, 0.3342



18.6337, 0.3129, 0.3313



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.



47.8191, 0.3132, 0.3355



85.4684, 0.3133, 0.3364



47.7671, 0.3113, 0.3336



10.4414, 0.3134, 0.3381



23.8922, 0.3068, 0.5946



0.8670, 0.3236, 0.5813

Inverse Universe

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



46.3547, 0.3122, 0.3226



82.5104, 0.3121, 0.3217



46.4084, 0.3142, 0.3245



9.9993, 0.3120, 0.3200



6.8374, 0.2742, 0.1284



0.2634, 0.2870, 0.1355

Previews

White Background



This preview shows how the Yxy color 47.8170, 0.3132, 0.3355 looks on a white background.

Color Contrast Check

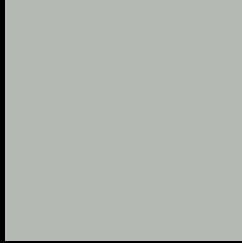
Large Text (above 18pt) WCAG AA × Fail

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 47.8170, 0.3132, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

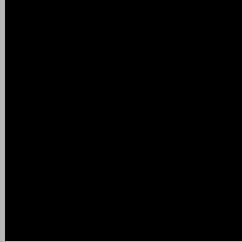
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

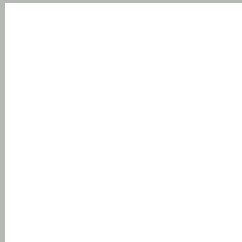
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8170, 0.3132, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 47.8170, 0.3132, 0.3355.



This preview shows how white text looks on a background with the Yxy color 47.8170, 0.3132, 0.3355.

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

47.8170, 0.3132, 0.3355

Protanopia

47.8130, 0.3202, 0.3342

Deuteranopia

47.7335, 0.3314, 0.3253



Tritanopia

47.6775, 0.3028, 0.3100

Trichromacy



Original Color

47.8170, 0.3132, 0.3355

Protanomaly

47.8499, 0.3175, 0.3355

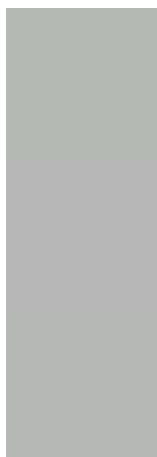
Deuteranomaly

47.8533, 0.3239, 0.3290

Tritanomaly

47.6958, 0.3065, 0.3187

Monochromacy



Original Color

47.8170, 0.3132, 0.3355

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.6035, 0.3126, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8170, 0.3132, 0.3355 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(181, 185, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 180)  
}
```

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(181, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 180) }
```

Border

The CSS property to change the border of an element to Yxy 47.8170, 0.3132, 0.3355 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(181, 185, 180) }
```

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

```
.border{ border-color:rgb(181, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 185,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8170, 0.3132, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 180) }
```

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

```
.background{ background-color: rgb(181,  
185, 180) }
```

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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