

Converting Colors

$Yxy(48.7973, 0.3131, 0.3385)$

Have a look what the booklet for
Yxy(48.7973, 0.3131, 0.3385)
contains.

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Color

Yxy(48.6597, 0.3131, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	B5BBB4
RGB	181, 187, 180
RGB Percent	71%, 73%, 71%
CMY	0.2903, 0.2666, 0.2941
CMYK	0.03, 0.00, 0.04, 0.27
HSL	112°, 5%, 72%
HSV	112°, 4%, 73%
XYZ	45.0617, 48.6597, 50.1997
YIQ	184.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

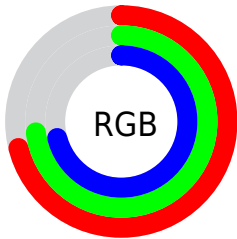
Format	Color
RYB	180, 187, 186
Decimal	11910068
CIELab	75.24, -3.40, 2.80
CIELCh	75, 4.404, 140.462
Yxy	48.6597, 0.3131, 0.3381
Android (android.graphics.Color)	4290100148 (0xFFB5BBB4)
YUV	184.4080, -2.1731, -2.9888
Hunter-Lab	69.7565, -6.7655, 6.1620

Details

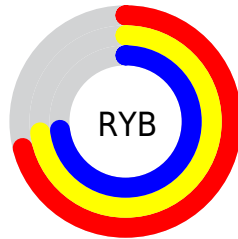
The Yxy color **48.6597, 0.3131, 0.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6764, 0.3123, 0.3200**, and the grayscale version is **48.1827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1618, 0.3130, 0.3361**, and **23.1717, 0.3133, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **46.1160, 0.3140, 0.3645**, and if you desaturate by 10%, it is **51.5351, 0.3120, 0.3147**.

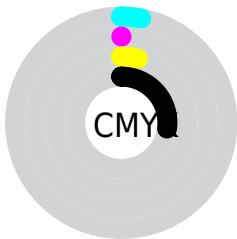
Distribution



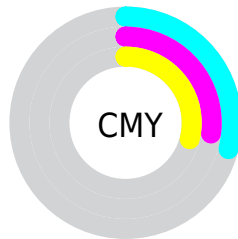
- Red (71%)
- Green (73%)
- Blue (71%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6597, 0.3131, 0.3381 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 48.6597, 0.3131, 0.3381 by changing the saturation by 10% instead.

■ 48.6597, 0.3131,
0.3381

■ 48.6597, 0.3131,
0.3381

381.4011, 0.3129,
0.3336

■ 34.3496, 0.3131,
0.3392

■ 88.1858, 0.3130,
0.3365

■ 23.1623, 0.3132,
0.3407

114.1706, 0.3130,
0.3358

■ 14.7134, 0.3132,
0.3426

144.8158, 0.3130,
0.3353

■ 8.6185, 0.3133,
0.3453

180.5058, 0.3130,
0.3349

■ 4.4932, 0.3134,
0.3494

221.6249, 0.3130,
0.3345

■ 1.9531, 0.3135,
0.3561

268.5575, 0.3129,

■ 0.5800, 0.3156,

0.3341

0.3909

321.6882, 0.3129,
0.3338

0.0000, 0.0000,
0.0000

48.6597, 0.3131,
0.3381

48.6597, 0.3131,
0.3381

46.1160, 0.3140,
0.3645

51.5351, 0.3120,
0.3147

43.8861, 0.3147,
0.3940

54.7472, 0.3109,
0.2943

41.9597, 0.3151,
0.4260

58.3084, 0.3098,
0.2765

40.3235, 0.3149,
0.4599

62.2291, 0.3086,
0.2610

38.9634, 0.3142,
0.4940

64.0246, 0.3158,
0.2624

■ 37.8638, 0.3129,
0.5264

■ 37.0080, 0.3108,
0.5548

■ 36.3767, 0.3082,
0.5768

■ 35.9480, 0.3053,
0.5911

Harmonies

Analogous

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



48.6597, 0.3190, 0.3396



48.6597, 0.3131, 0.3381



48.6597, 0.3072, 0.3341

Triad

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



48.6597, 0.3131, 0.3381



48.6597, 0.3023, 0.3198



48.6597, 0.3228, 0.3292

Complementary

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



48.6597, 0.3131, 0.3381



46.6764, 0.3123, 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.



48.6597, 0.3183, 0.3240



48.6597, 0.3131, 0.3381



48.6597, 0.3064, 0.3186

Square

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



48.6597, 0.3131, 0.3381



48.6597, 0.3009, 0.3235



48.6597, 0.3123, 0.3202



48.6597, 0.3246, 0.3344

Rectangle

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



48.6597, 0.3131, 0.3381



48.6597, 0.3039, 0.3306



48.6597, 0.3123, 0.3202



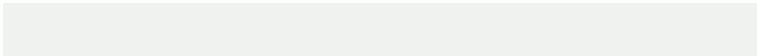
48.6597, 0.3216, 0.3274

Sweetspot

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



48.6618, 0.3131, 0.3381



88.4884, 0.3128, 0.3314



48.9620, 0.3182, 0.3366



19.4923, 0.3128, 0.3313



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.



48.6618, 0.3131, 0.3381



86.9886, 0.3131, 0.3389



48.6450, 0.3104, 0.3349



10.9880, 0.3132, 0.3404



24.6589, 0.3043, 0.5966



0.9867, 0.3169, 0.5866

Inverse Universe

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



46.6764, 0.3123, 0.3200



83.1378, 0.3123, 0.3192



46.6950, 0.3151, 0.3232



10.4284, 0.3122, 0.3178



7.7111, 0.2863, 0.1351



0.3209, 0.2951, 0.1400

Previews

White Background



This preview shows how the Yxy color 48.6597, 0.3131, 0.3381 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 48.6597, 0.3131, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

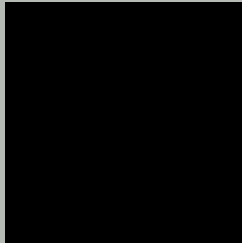
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

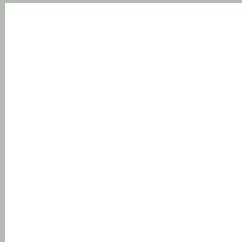
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6597, 0.3131, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 48.6597, 0.3131, 0.3381.



This preview shows how white text looks on a background with the Yxy color 48.6597, 0.3131, 0.3381.

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

48.6597, 0.3131, 0.3381

Protanopia

48.4828, 0.3218, 0.3354

Deuteranopia

48.4550, 0.3322, 0.3254



Tritanopia

48.5948, 0.3012, 0.3100

Trichromacy



Original Color

48.6597, 0.3131, 0.3381

Protanomaly

48.5174, 0.3191, 0.3367

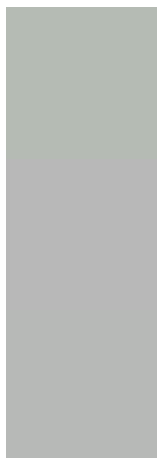
Deuteranomaly

48.5279, 0.3256, 0.3303

Tritanomaly

48.5710, 0.3057, 0.3200

Monochromacy



Original Color

48.6597, 0.3131, 0.3381

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1841, 0.3126, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6597, 0.3131, 0.3381 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, 187, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 187, 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, 187, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 187, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.6597, 0.3131, 0.3381 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, 187, 180) }
```

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

```
.border{ border-color:rgb(181, 187, 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, 187, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 187, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 187, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 187,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6597, 0.3131, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 187, 180) }
```

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

```
.background{ background-color: rgb(181,  
187, 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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