

Converting Colors

$Yxy(48.8004, 0.3128, 0.3479)$

Have a look what the booklet for
Yxy(48.8004, 0.3128, 0.3479)
contains.

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Color

Yxy(48.7204, 0.3127, 0.3475)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B0BDAF |
| RGB | 176, 189, 175 |
| RGB Percent | 69%, 74%, 69% |
| CMY | 0.3097, 0.2588, 0.3138 |
| CMYK | 0.07, 0.00, 0.07, 0.26 |
| HSL | 116°, 10%, 71% |
| HSV | 116°, 7%, 74% |
| XYZ | 43.8413, 48.7204, 47.6408 |
| YIQ | 183.5170, -3.2540, -7.1100 |

Conversions

Conversions Part 2

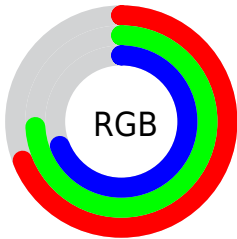
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 175, 189, 188 |
| Decimal | 11582895 |
| CIELab | 75.28, -7.11, 5.54 |
| CIELCh | 75, 9.015, 142.081 |
| Yxy | 48.7204, 0.3127, 0.3475 |
| Android (android.graphics.Color) | 4289772975 (0xFFB0BDAF) |
| YUV | 183.5170, -4.1989, -6.5924 |
| Hunter-Lab | 69.8000, -10.0342, 8.3926 |

Details

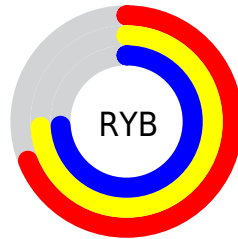
The Yxy color **48.7204, 0.3127, 0.3475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0141, 0.3127, 0.3111**, and the grayscale version is **47.6794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2301, 0.3127, 0.3433**, and **23.2493, 0.3116, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **46.1204, 0.3125, 0.3753**, and if you desaturate by 10%, it is **51.6916, 0.3127, 0.3230**.

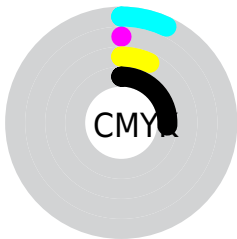
Distribution



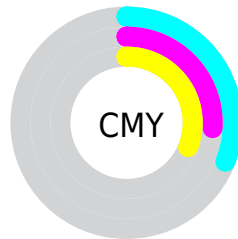
- Red (69%)
- Green (74%)
- Blue (69%)



- Red (69%)
- Yellow (74%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (31%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7204, 0.3127, 0.3475 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 48.7204, 0.3127, 0.3475 by changing the saturation by 10% instead.


 48.7204, 0.3127,
0.3475

 48.7204, 0.3127,
0.3475

381.6406, 0.3128,
0.3382

 34.3977, 0.3127,
0.3498


 88.2760, 0.3127,
0.3441

 23.1993, 0.3126,
0.3528


114.2778, 0.3127,
0.3428

 14.7408, 0.3125,
0.3569


144.9414, 0.3128,
0.3418

 8.6376, 0.3124,
0.3625

180.6512, 0.3128,
0.3409

 4.5056, 0.3121,
0.3711

221.7916, 0.3128,
0.3401

 1.9602, 0.3114,
0.3854

268.7471, 0.3128,

 0.5842, 0.3142,

0.3394


0.4810


321.9019, 0.3128,
0.3388


 0.0000, 0.0000,
0.0000

 48.7204, 0.3127,
0.3475


 48.7204, 0.3127,
0.3475


 46.1204, 0.3125,
0.3753


 51.6916, 0.3127,
0.3230


 43.8710, 0.3121,
0.4062


 55.0413, 0.3126,
0.3016


 41.9591, 0.3114,
0.4396

 58.7843, 0.3124,
0.2830

 40.3685, 0.3104,
0.4745

 62.9328, 0.3121,
0.2670

 39.0815, 0.3091,
0.5089

 64.8758, 0.3157,
0.2644

■ 38.0786, 0.3074,
0.5406

■ 37.3383, 0.3055,
0.5669

■ 36.8358, 0.3036,
0.5858

■ 36.5399, 0.3018,
0.5966

Harmonies

Analogous

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



48.7204, 0.3249, 0.3508



48.7204, 0.3127, 0.3475



48.7204, 0.3007, 0.3389

Triad

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



48.7204, 0.3127, 0.3475



48.7204, 0.2918, 0.3099



48.7204, 0.3338, 0.3298

Complementary

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



48.7204, 0.3127, 0.3475



45.0141, 0.3127, 0.3111

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.



48.7204, 0.3247, 0.3193



48.7204, 0.3127, 0.3475



48.7204, 0.3004, 0.3080

Square

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



48.7204, 0.3127, 0.3475



48.7204, 0.2888, 0.3170



48.7204, 0.3124, 0.3114



48.7204, 0.3373, 0.3403

Rectangle

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



48.7204, 0.3127, 0.3475



48.7204, 0.2944, 0.3315



48.7204, 0.3124, 0.3114



48.7204, 0.3313, 0.3262

Sweetspot

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



48.7225, 0.3127, 0.3475



90.0413, 0.3127, 0.3339



49.8086, 0.3237, 0.3455



19.3750, 0.3127, 0.3336



95.5105, 0.3127, 0.3290



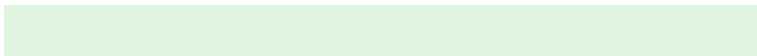
19.5994, 0.3127, 0.3290

Same Dimension

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



48.7225, 0.3127, 0.3475



86.4098, 0.3127, 0.3521



48.8366, 0.3074, 0.3397



10.6824, 0.3127, 0.3526



24.5638, 0.3019, 0.5985



0.9738, 0.3092, 0.5927

Inverse Universe

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



45.0141, 0.3127, 0.3111



78.3170, 0.3126, 0.3068



44.8976, 0.3184, 0.3185



9.6594, 0.3126, 0.3063



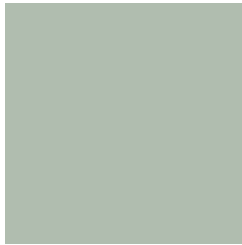
8.6209, 0.3026, 0.1441



0.3485, 0.3073, 0.1467

Previews

White Background



This preview shows how the Yxy color 48.7204, 0.3127, 0.3475 looks on a white background.

Color Contrast Check

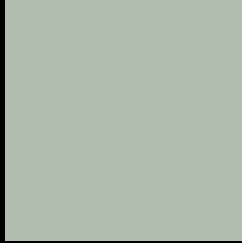
Large Text (above 18pt) WCAG AA × Fail

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 48.7204, 0.3127, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

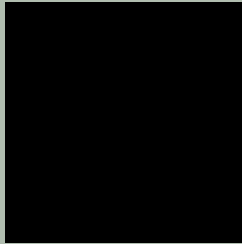
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

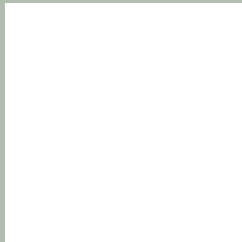
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7204, 0.3127, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 48.7204, 0.3127, 0.3475.



This preview shows how white text looks on a background with the Yxy color 48.7204, 0.3127, 0.3475.

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

48.7204, 0.3127, 0.3475

Protanopia

48.3745, 0.3275, 0.3431

Deuteranopia

48.5363, 0.3382, 0.3315



Tritanopia

48.5714, 0.2973, 0.3099

Trichromacy



Original Color

48.7204, 0.3127, 0.3475

Protanomaly

48.6129, 0.3221, 0.3445

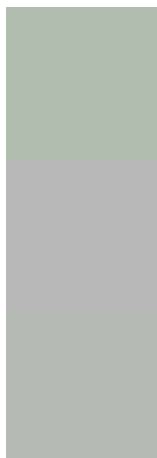
Deuteranomaly

48.6037, 0.3287, 0.3379

Tritanomaly

48.4631, 0.3032, 0.3225

Monochromacy



Original Color

48.7204, 0.3127, 0.3475

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.2778, 0.3124, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7204, 0.3127, 0.3475 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(176, 189, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 189, 175)  
}
```

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(176, 189, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 189, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.7204, 0.3127, 0.3475 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(176, 189, 175) }
```

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

```
.border{ border-color:rgb(176, 189, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 189, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 189,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7204, 0.3127, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 189, 175) }
```

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

```
.background{ background-color: rgb(176,  
189, 175) }
```

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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