

Converting Colors

$Yxy(46.3493, 0.3198, 0.3518)$

Have a look what the booklet for
Yxy(46.3493, 0.3198, 0.3518)
contains.

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Color

Yxy(46.4181, 0.3202, 0.3518)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B1B8A7 |
| RGB | 177, 184, 167 |
| RGB Percent | 69%, 72%, 65% |
| CMY | 0.3058, 0.2784, 0.3452 |
| CMYK | 0.04, 0.00, 0.09, 0.28 |
| HSL | 85°, 11%, 69% |
| HSV | 85°, 9%, 72% |
| XYZ | 42.2487, 46.4181, 43.2778 |
| YIQ | 179.9690, 1.2850, -6.7710 |

Conversions

Conversions Part 2

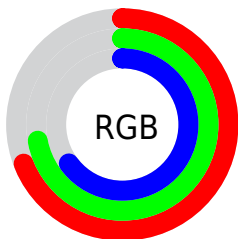
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 167, 184, 174 |
| Decimal | 11647143 |
| CIELab | 73.82, -5.55, 7.81 |
| CIELCh | 74, 9.577, 125.415 |
| Yxy | 46.4181, 0.3202, 0.3518 |
| Android (android.graphics.Color) | 4289837223 (0xFFB1B8A7) |
| YUV | 179.9690, -6.3937, -2.6038 |
| Hunter-Lab | 68.1308, -8.5392, 10.0296 |

Details

The Yxy color **46.4181, 0.3202, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.0807, 0.3047, 0.3060**, and the grayscale version is **45.6605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9177, 0.3191, 0.3477**, and **21.7555, 0.3218, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **44.9262, 0.3283, 0.3782**, and if you desaturate by 10%, it is **48.0597, 0.3121, 0.3272**.

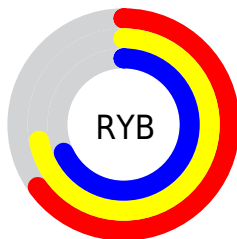
Distribution



Red (69%)

Green (72%)

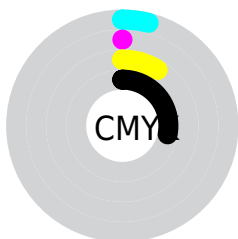
Blue (65%)



Red (65%)

Yellow (72%)

Blue (68%)

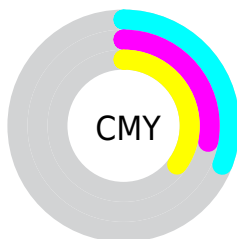


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (31%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4181, 0.3202, 0.3518 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 46.4181, 0.3202, 0.3518 by changing the saturation by 10% instead.

 46.4181, 0.3202,
0.3518


 46.4181, 0.3202,
0.3518


372.4870, 0.3165,
0.3403

 32.5759, 0.3211,
0.3547


 84.8444, 0.3189,
0.3476

 21.8017, 0.3222,
0.3585


 110.1972, 0.3184,
0.3460

 13.7113, 0.3238,
0.3636


140.1557, 0.3179,
0.3447

 7.9201, 0.3258,
0.3708

175.1043, 0.3176,
0.3435

 4.0439, 0.3288,
0.3818

215.4273, 0.3173,
0.3426

 1.6981, 0.3334,
0.4005

261.5092, 0.3170,

 0.4225, 0.3864,

0.3417

0.6136

313.7343, 0.3167,
0.3409

0.0000, 0.0000,
0.0000

46.4181, 0.3202,
0.3518

46.4181, 0.3202,
0.3518

44.9262, 0.3283,
0.3782

48.0597, 0.3121,
0.3272

43.5733, 0.3361,
0.4060

49.8497, 0.3042,
0.3047

42.3560, 0.3432,
0.4345

51.7943, 0.2967,
0.2842

41.2690, 0.3492,
0.4628

53.8978, 0.2896,
0.2657

40.3062, 0.3537,
0.4897

55.9057, 0.2855,
0.2528

■ 39.4610, 0.3561,
0.5138

■ 57.0715, 0.2911,
0.2541

■ 38.7261, 0.3563,
0.5339

■ 58.2905, 0.2967,
0.2553

■ 38.0929, 0.3541,
0.5492

■ 59.5635, 0.3025,
0.2565

■ 37.5464, 0.3500,
0.5598

■ 60.8911, 0.3082,
0.2578

Harmonies

Analogous

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



46.4181, 0.3319, 0.3517



46.4181, 0.3202, 0.3518



46.4181, 0.3067, 0.3455

Triad

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



46.4181, 0.3202, 0.3518



46.4181, 0.2875, 0.3121



46.4181, 0.3306, 0.3234

Complementary

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



46.4181, 0.3202, 0.3518



40.0807, 0.3047, 0.3060

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.



46.4181, 0.3184, 0.3134



46.4181, 0.3202, 0.3518



46.4181, 0.2936, 0.3068

Square

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



46.4181, 0.3202, 0.3518



46.4181, 0.2880, 0.3221



46.4181, 0.3049, 0.3073



46.4181, 0.3381, 0.3350

Rectangle

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



46.4181, 0.3202, 0.3518



46.4181, 0.2985, 0.3385



46.4181, 0.3049, 0.3073



46.4181, 0.3269, 0.3197

Sweetspot

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



46.4201, 0.3202, 0.3518



85.9610, 0.3152, 0.3363



43.1679, 0.3277, 0.3381



18.4795, 0.3158, 0.3383



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.



46.4201, 0.3202, 0.3518



83.6058, 0.3218, 0.3568



45.4693, 0.3131, 0.3523



10.3150, 0.3203, 0.3520



25.8921, 0.3505, 0.5599



0.9480, 0.3683, 0.5458

Inverse Universe

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



40.0807, 0.3047, 0.3060



69.8987, 0.3029, 0.3010



41.0693, 0.3122, 0.3066



8.8943, 0.3046, 0.3058



3.4661, 0.1873, 0.0806



0.1586, 0.2181, 0.0975

Previews

White Background



This preview shows how the Yxy color 46.4181, 0.3202, 0.3518 looks on a white background.

Color Contrast Check

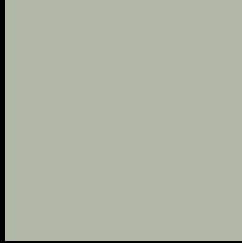
Large Text (above 18pt) WCAG AA × Fail

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 46.4181, 0.3202, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

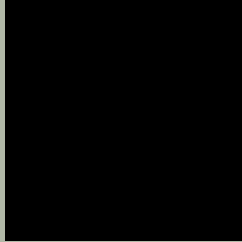
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

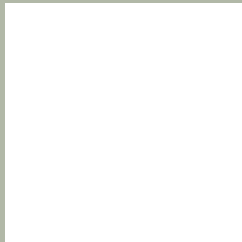
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4181, 0.3202, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 46.4181, 0.3202, 0.3518.



This preview shows how white text looks on a background with the Yxy color 46.4181, 0.3202, 0.3518.

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

46.4181, 0.3202, 0.3518

Protanopia

46.4557, 0.3319, 0.3499

Deuteranopia

46.2210, 0.3432, 0.3366



Tritanopia

46.3613, 0.3026, 0.3110

Trichromacy



Original Color

46.4181, 0.3202, 0.3518

Protanomaly

46.3994, 0.3273, 0.3501

Deuteranomaly

46.1373, 0.3352, 0.3419

Tritanomaly

46.2117, 0.3095, 0.3251

Monochromacy



Original Color

46.4181, 0.3202, 0.3518

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7266, 0.3158, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4181, 0.3202, 0.3518 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(177, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 184, 167)  
}
```

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(177, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 184, 167) }
```

Border

The CSS property to change the border of an element to Yxy 46.4181, 0.3202, 0.3518 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(177, 184, 167) }
```

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

```
.border{ border-color:rgb(177, 184, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 184, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(177, 184,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4181, 0.3202, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 184, 167) }
```

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

```
.background{ background-color: rgb(177,  
184, 167) }
```

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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