

Converting Colors

$Yxy(46.7128, 0.3149, 0.3542)$

Have a look what the booklet for
Yxy(46.7128, 0.3149, 0.3542)
contains.

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Color

Yxy(46.7156, 0.3149, 0.3533)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ACBAA8 |
| RGB | 172, 186, 168 |
| RGB Percent | 67%, 73%, 66% |
| CMY | 0.3255, 0.2706, 0.3411 |
| CMYK | 0.08, 0.00, 0.10, 0.27 |
| HSL | 107°, 12%, 69% |
| HSV | 107°, 10%, 73% |
| XYZ | 41.6381, 46.7156, 43.8727 |
| YIQ | 179.7620, -2.5660, -8.5660 |

Conversions

Conversions Part 2

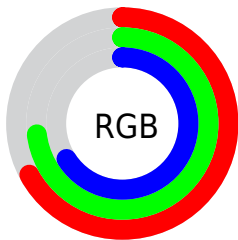
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 168, 186, 182 |
| Decimal | 11319976 |
| CIE Lab | 74.01, -8.22, 7.46 |
| CIE LCh | 74, 11.105, 137.765 |
| Yxy | 46.7156, 0.3149, 0.3533 |
| Android (android.graphics.Color) | 4289510056 (0xFFACBAA8) |
| YUV | 179.7620, -5.7987, -6.8073 |
| Hunter-Lab | 68.3488, -10.8682, 9.7862 |

Details

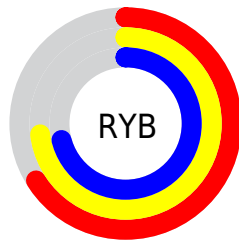
The Yxy color **46.7156, 0.3149, 0.3533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.5038, 0.3102, 0.3054**, and the grayscale version is **45.5403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1629, 0.3144, 0.3489**, and **22.0291, 0.3158, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **44.5218, 0.3170, 0.3812**, and if you desaturate by 10%, it is **49.1914, 0.3126, 0.3282**.

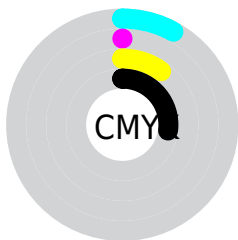
Distribution



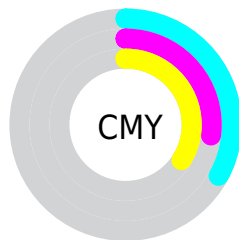
- Red (67%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (33%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7156, 0.3149, 0.3533 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 46.7156, 0.3149, 0.3533 by changing the saturation by 10% instead.


 46.7156, 0.3149,
0.3533

 46.7156, 0.3149,
0.3533


373.6782, 0.3139,
0.3410

 32.8109, 0.3151,
0.3564


 85.2889, 0.3146,
0.3488

 21.9816, 0.3154,
0.3605


 110.7264, 0.3144,
0.3471

 13.8434, 0.3157,
0.3660


140.7768, 0.3143,
0.3457

 8.0118, 0.3161,
0.3737

175.8247, 0.3142,
0.3445

 4.1025, 0.3166,
0.3856

216.2543, 0.3141,
0.3434

 1.7311, 0.3169,
0.4060

262.4502, 0.3140,

 0.4437, 0.3325,

0.3425

0.6675

314.7967, 0.3140,
0.3417

0.0000, 0.0000,
0.0000

46.7156, 0.3149,
0.3533

46.7156, 0.3149,
0.3533

44.5218, 0.3170,
0.3812

49.1914, 0.3126,
0.3282

42.5941, 0.3187,
0.4117

51.9527, 0.3103,
0.3060

40.9241, 0.3199,
0.4442

55.0102, 0.3080,
0.2864

39.5005, 0.3204,
0.4775

58.3728, 0.3057,
0.2693

38.3112, 0.3199,
0.5099

61.6549, 0.3078,
0.2597

■ 37.3431, 0.3183,
0.5395

■ 63.6011, 0.3159,
0.2614

■ 36.5818, 0.3157,
0.5641

■ 36.0107, 0.3121,
0.5819

■ 35.6052, 0.3082,
0.5932

Harmonies

Analogous

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



46.7156, 0.3298, 0.3563



46.7156, 0.3149, 0.3533



46.7156, 0.2997, 0.3433

Triad

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



46.7156, 0.3149, 0.3533



46.7156, 0.2857, 0.3061



46.7156, 0.3379, 0.3279

Complementary

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



46.7156, 0.3149, 0.3533



41.5038, 0.3102, 0.3054

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.



46.7156, 0.3255, 0.3153



46.7156, 0.3149, 0.3533



46.7156, 0.2954, 0.3028

Square

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



46.7156, 0.3149, 0.3533



46.7156, 0.2830, 0.3157



46.7156, 0.3099, 0.3062



46.7156, 0.3433, 0.3412

Rectangle

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



46.7156, 0.3149, 0.3533



46.7156, 0.2913, 0.3342



46.7156, 0.3099, 0.3062



46.7156, 0.3344, 0.3235

Sweetspot

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



46.7176, 0.3149, 0.3533



87.5839, 0.3134, 0.3364



46.6451, 0.3275, 0.3471



19.2064, 0.3136, 0.3384



95.5105, 0.3127, 0.3290



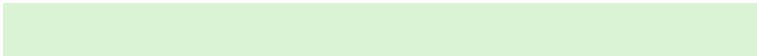
19.5994, 0.3127, 0.3290

Same Dimension

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



46.7176, 0.3149, 0.3533



83.6197, 0.3154, 0.3601



46.4569, 0.3079, 0.3469



10.1532, 0.3148, 0.3524



23.9723, 0.3088, 0.5930



0.8729, 0.3273, 0.5783

Inverse Universe

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



41.5038, 0.3102, 0.3054



71.9088, 0.3095, 0.2990



41.7940, 0.3179, 0.3118



9.0600, 0.3103, 0.3062



6.4645, 0.2663, 0.1241



0.2530, 0.2812, 0.1323

Previews

White Background



This preview shows how the Yxy color 46.7156, 0.3149, 0.3533 looks on a white background.

Color Contrast Check

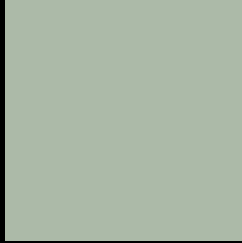
Large Text (above 18pt) WCAG AA × Fail

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 46.7156, 0.3149, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

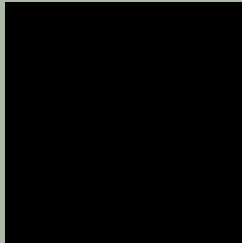
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

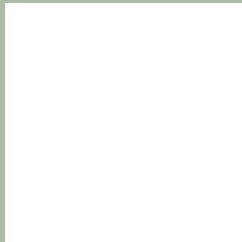
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7156, 0.3149, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 46.7156, 0.3149, 0.3533.



This preview shows how white text looks on a background with the Yxy color 46.7156, 0.3149, 0.3533.

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

46.7156, 0.3149, 0.3533

Protanopia

46.5832, 0.3327, 0.3499

Deuteranopia

46.3996, 0.3432, 0.3353



Tritanopia

46.6715, 0.2970, 0.3108

Trichromacy



Original Color

46.7156, 0.3149, 0.3533

Protanomaly

46.6874, 0.3263, 0.3515

Deuteranomaly

46.3112, 0.3324, 0.3419

Tritanomaly

46.5261, 0.3037, 0.3250

Monochromacy



Original Color

46.7156, 0.3149, 0.3533

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.9376, 0.3132, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7156, 0.3149, 0.3533 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(172, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(172, 186, 168)  
}
```

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(172, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 186, 168) }
```

Border

The CSS property to change the border of an element to Yxy 46.7156, 0.3149, 0.3533 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(172, 186, 168) }
```

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

```
.border{ border-color:rgb(172, 186, 168) }
```

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

Here you see how a box with a 4 pixel rgb(172, 186, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(172, 186,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7156, 0.3149, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 186, 168) }
```

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

```
.background{ background-color: rgb(172,  
186, 168) }
```

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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