

Converting Colors

Yxy(46.8501, 0.3157, 0.3526)

Have a look what the booklet for
Yxy(46.8501, 0.3157, 0.3526)
contains.

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Color

Yxy(46.8292, 0.3158, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	ADBAA8
RGB	173, 186, 168
RGB Percent	68%, 73%, 66%
CMY	0.3214, 0.2706, 0.3411
CMYK	0.07, 0.00, 0.10, 0.27
HSL	103°, 12%, 69%
HSV	103°, 10%, 73%
XYZ	41.8705, 46.8292, 43.8858
YIQ	180.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

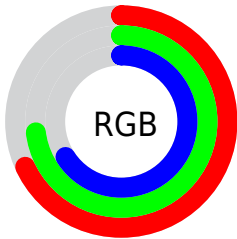
Format	Color
RYB	168, 186, 181
Decimal	11385512
CIELab	74.08, -7.83, 7.58
CIELCh	74, 10.896, 135.951
Yxy	46.8292, 0.3158, 0.3532
Android (android.graphics.Color)	4289575592 (0xFFADBAA8)
YUV	180.0610, -5.9461, -6.1925
Hunter-Lab	68.4319, -10.5393, 9.8792

Details

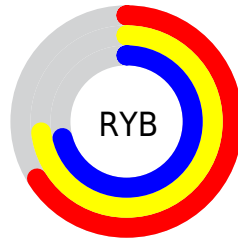
The Yxy color **46.8292, 0.3158, 0.3532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.3742, 0.3093, 0.3053**, and the grayscale version is **45.7154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3260, 0.3151, 0.3488**, and **22.1010, 0.3169, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **44.7358, 0.3188, 0.3809**, and if you desaturate by 10%, it is **49.1786, 0.3126, 0.3282**.

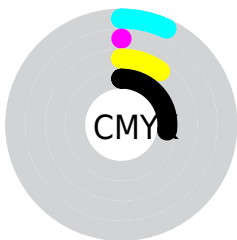
Distribution



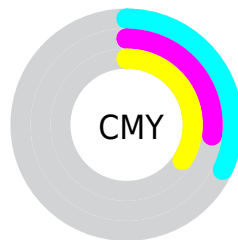
- Red (68%)
- Green (73%)
- Blue (66%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (32%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.8292, 0.3158, 0.3532 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 46.8292, 0.3158, 0.3532 by changing the saturation by 10% instead.


 46.8292, 0.3158,
0.3532

 46.8292, 0.3158,
0.3532


374.1324, 0.3143,
0.3409

 32.9007, 0.3161,
0.3563


 85.4586, 0.3153,
0.3487

 22.0503, 0.3166,
0.3604


110.9283, 0.3151,
0.3470

 13.8939, 0.3171,
0.3658


141.0138, 0.3149,
0.3456

 8.0469, 0.3177,
0.3735

176.0995, 0.3148,
0.3444

 4.1250, 0.3186,
0.3853

216.5698, 0.3147,
0.3434

 1.7437, 0.3197,
0.4054

262.8091, 0.3145,

 0.4517, 0.3452,

0.3425

0.6548

315.2018, 0.3144,
0.3417

0.0000, 0.0000,
0.0000

46.8292, 0.3158,
0.3532

46.8292, 0.3158,
0.3532

44.7358, 0.3188,
0.3809

49.1786, 0.3126,
0.3282

42.8839, 0.3215,
0.4110

51.7863, 0.3094,
0.3059

41.2661, 0.3236,
0.4428

54.6621, 0.3062,
0.2862

39.8728, 0.3248,
0.4754

57.8136, 0.3032,
0.2688

38.6934, 0.3248,
0.5071

60.8546, 0.3044,
0.2590

■ 37.7165, 0.3236,
0.5360

■ 63.2840, 0.3146,
0.2611

■ 36.9295, 0.3210,
0.5602

■ 63.5928, 0.3159,
0.2614

■ 36.3181, 0.3171,
0.5781

■ 35.8601, 0.3126,
0.5898

Harmonies

Analogous

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



46.8292, 0.3303, 0.3557



46.8292, 0.3158, 0.3532



46.8292, 0.3008, 0.3438

Triad

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



46.8292, 0.3158, 0.3532



46.8292, 0.2858, 0.3070



46.8292, 0.3368, 0.3272

Complementary

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



46.8292, 0.3158, 0.3532



41.3742, 0.3093, 0.3053

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.



46.8292, 0.3244, 0.3149



46.8292, 0.3158, 0.3532



46.8292, 0.2950, 0.3033

Square

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



46.8292, 0.3158, 0.3532



46.8292, 0.2837, 0.3167



46.8292, 0.3091, 0.3063



46.8292, 0.3426, 0.3402

Rectangle

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



46.8292, 0.3158, 0.3532



46.8292, 0.2924, 0.3349



46.8292, 0.3091, 0.3063



46.8292, 0.3333, 0.3228

Sweetspot

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



46.8312, 0.3158, 0.3532



87.6583, 0.3137, 0.3364



46.2711, 0.3276, 0.3459



19.2270, 0.3140, 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.



46.8312, 0.3158, 0.3532



83.8903, 0.3166, 0.3600



46.4148, 0.3086, 0.3481



10.1787, 0.3157, 0.3523



24.1530, 0.3133, 0.5895



0.8836, 0.3339, 0.5731

Inverse Universe

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



41.3742, 0.3093, 0.3053



71.6144, 0.3083, 0.2989



41.8307, 0.3171, 0.3106



9.0328, 0.3094, 0.3062



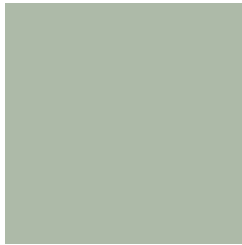
5.8261, 0.2519, 0.1161



0.2348, 0.2705, 0.1264

Previews

White Background



This preview shows how the Yxy color 46.8292, 0.3158, 0.3532 looks on a white background.

Color Contrast Check

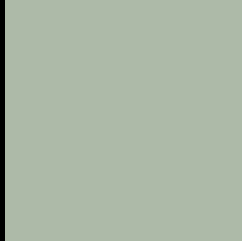
Large Text (above 18pt) WCAG AA × Fail

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 46.8292, 0.3158, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

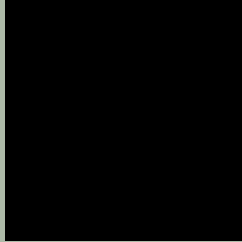
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

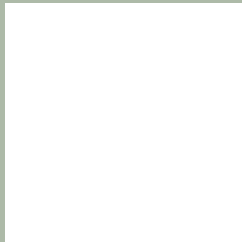
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8292, 0.3158, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 46.8292, 0.3158, 0.3532.



This preview shows how white text looks on a background with the Yxy color 46.8292, 0.3158, 0.3532.

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

46.8292, 0.3158, 0.3532

Protanopia

46.6197, 0.3319, 0.3486

Deuteranopia

46.7903, 0.3430, 0.3366



Tritanopia

46.7885, 0.2978, 0.3109

Trichromacy



Original Color

46.8292, 0.3158, 0.3532

Protanomaly

46.7243, 0.3255, 0.3501

Deuteranomaly

46.8445, 0.3331, 0.3432

Tritanomaly

46.6422, 0.3045, 0.3250

Monochromacy



Original Color

46.8292, 0.3158, 0.3532

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 46.8292, 0.3158, 0.3532 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(173, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 168) }
```

Border

The CSS property to change the border of an element to Yxy 46.8292, 0.3158, 0.3532 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(173, 186, 168) }
```

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

```
.border{ border-color:rgb(173, 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(173, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 186, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 186, 168); box-shadow:4px 4px 4px 4px rgb(173, 186, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8292, 0.3158, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 168) }
```

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

```
.background{ background-color: rgb(173,  
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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