

Converting Colors

$Yxy(45.8603, 0.3272, 0.3821)$

Have a look what the booklet for
Yxy(45.8603, 0.3272, 0.3821)
contains.

Yxy(46.0036, 0.3269, 0.3831)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.0036, 0.3269, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	A8BB94
RGB	168, 187, 148
RGB Percent	66%, 73%, 58%
CMY	0.3414, 0.2666, 0.4196
CMYK	0.10, 0.00, 0.21, 0.27
HSL	89°, 22%, 66%
HSV	89°, 21%, 73%
XYZ	39.2550, 46.0036, 34.8239
YIQ	176.8730, 1.1950, -16.1570

Conversions

Conversions Part 2

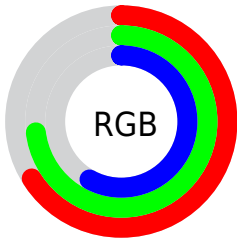
Format	Color
RYB	148, 187, 167
Decimal	11058068
CIELab	73.55, -13.63, 17.62
CIELCh	74, 22.275, 127.723
Yxy	46.0036, 0.3269, 0.3831
Android (android.graphics.Color)	4289248148 (0xFFA8BB94)
YUV	176.8730, -14.2344, -7.7816
Hunter-Lab	67.8260, -15.3867, 17.0369

Details

The Yxy color $46.0036, 0.3269, 0.3831$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.9888, 0.2959, 0.2749$, and the grayscale version is $43.9682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.0534, 0.3244, 0.3728$, and $21.6263, 0.3309, 0.4001$ is the 20% darker color. If you saturate the color by 10%, you get $44.4927, 0.3333, 0.4117$, and if you desaturate by 10%, it is $47.6847, 0.3202, 0.3561$.

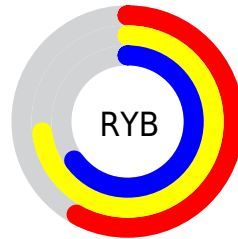
Distribution



Red (66%)

Green (73%)

Blue (58%)



Red (58%)

Yellow (73%)

Blue (65%)

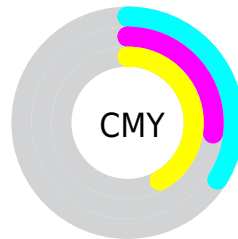


Cyan (10%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (34%)


Magenta (27%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0036, 0.3269, 0.3831 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 46.0036, 0.3269, 0.3831 by changing the saturation by 10% instead.


 46.0036, 0.3269,
0.3831

 46.0036, 0.3269,
0.3831


370.8231, 0.3202,
0.3553

 32.2487, 0.3284,
0.3903


 84.2244, 0.3246,
0.3728

 21.5515, 0.3303,
0.3996


 109.4590, 0.3236,
0.3690

 13.5277, 0.3326,
0.4122


139.2890, 0.3229,
0.3658

 7.7929, 0.3355,
0.4302

174.0988, 0.3222,
0.3631

 3.9627, 0.3389,
0.4578

214.2726, 0.3216,
0.3608

 1.6527, 0.3526,
0.5209

260.1951, 0.3211,

 0.3928, 0.0937,

0.3587

0.9063

312.2504, 0.3206,
0.3569

0.0000, 0.0000,
0.0000

46.0036, 0.3269,
0.3831

46.0036, 0.3269,
0.3831

44.4927, 0.3333,
0.4117

47.6847, 0.3202,
0.3561

43.1399, 0.3389,
0.4412

49.5357, 0.3133,
0.3311

41.9408, 0.3434,
0.4706


51.5640, 0.3066,
0.3082

40.8885, 0.3463,
0.4985

53.7746, 0.3001,
0.2876


39.9753, 0.3472,
0.5235


56.1725, 0.2939,
0.2691


 39.1927, 0.3460,
0.5443


 58.4226, 0.2916,
0.2574

 38.5306, 0.3426,
0.5597

 59.9120, 0.2984,
0.2588

 38.0151, 0.3381,
0.5698

 61.4809, 0.3052,
0.2602

 63.1305, 0.3122,
0.2617

Harmonies

Analogous

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



46.0036, 0.3552, 0.3826



46.0036, 0.3269, 0.3831



46.0036, 0.2957, 0.3668

Triad

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



46.0036, 0.3269, 0.3831



46.0036, 0.2559, 0.2878



46.0036, 0.3565, 0.3175

Complementary

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



46.0036, 0.3269, 0.3831



32.9888, 0.2959, 0.2749

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.



46.0036, 0.3279, 0.2951



46.0036, 0.3269, 0.3831



46.0036, 0.2703, 0.2779

Square

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



46.0036, 0.3269, 0.3831



46.0036, 0.2558, 0.3096



46.0036, 0.2962, 0.2809



46.0036, 0.3732, 0.3434

Rectangle

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



46.0036, 0.3269, 0.3831



46.0036, 0.2776, 0.3490



46.0036, 0.2962, 0.2809



46.0036, 0.3479, 0.3094

Sweetspot

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



46.0056, 0.3269, 0.3831



86.9259, 0.3169, 0.3439



40.2896, 0.3488, 0.3546



19.0951, 0.3173, 0.3455



95.5105, 0.3127, 0.3290



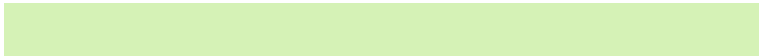
19.5994, 0.3127, 0.3290

Same Dimension

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



46.0056, 0.3269, 0.3831



81.1119, 0.3299, 0.3959



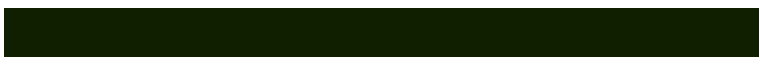
44.0427, 0.3106, 0.3859



10.8829, 0.3191, 0.3522



26.2299, 0.3390, 0.5691



1.0663, 0.3574, 0.5544

Inverse Universe

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



32.9888, 0.2959, 0.2749



53.6449, 0.2915, 0.2620



35.2515, 0.3145, 0.2778



9.4480, 0.3058, 0.3058



4.0609, 0.2013, 0.0883



0.1980, 0.2283, 0.1031

Previews

White Background



This preview shows how the Yxy color 46.0036, 0.3269, 0.3831 looks on a white background.

Color Contrast Check

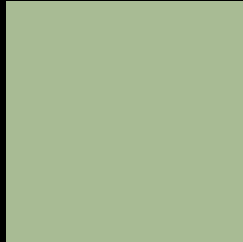
Large Text (above 18pt) WCAG AA × Fail

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 46.0036, 0.3269, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

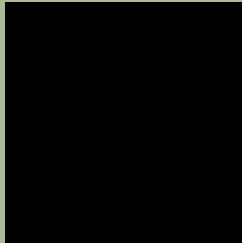
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0036, 0.3269, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 46.0036, 0.3269, 0.3831.



This preview shows how white text looks on a background with the Yxy color 46.0036, 0.3269, 0.3831.

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

46.0036, 0.3269, 0.3831

Protanopia

45.8933, 0.3526, 0.3748

Deuteranopia

45.5314, 0.3645, 0.3566



Tritanopia

46.1018, 0.2969, 0.3107

Trichromacy



Original Color

46.0036, 0.3269, 0.3831

Protanomaly

46.0096, 0.3427, 0.3786

Deuteranomaly

45.3803, 0.3498, 0.3656

Tritanomaly

45.8520, 0.3074, 0.3357

Monochromacy



Original Color

46.0036, 0.3269, 0.3831

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7996, 0.3187, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0036, 0.3269, 0.3831 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(168, 187, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 187, 148)  
}
```

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(168, 187, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 187, 148) }
```

Border

The CSS property to change the border of an element to Yxy 46.0036, 0.3269, 0.3831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

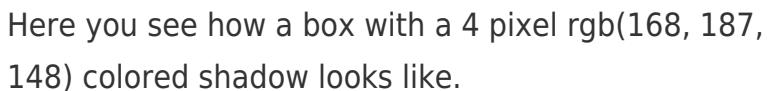
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 187, 148) }
```

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

```
.border{ border-color:rgb(168, 187, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 187, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 187, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 187, 148); box-shadow:4px 4px 4px 4px rgb(168, 187, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0036, 0.3269, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 187, 148) }
```

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

```
.background{ background-color: rgb(168,  
187, 148) }
```

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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