

Converting Colors

$Yxy(46.0695, 0.3522, 0.3960)$

Have a look what the booklet for
Yxy(46.0695, 0.3522, 0.3960)
contains.

Yxy(46.0695, 0.3522, 0.3960)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.0695, 0.3522, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	B7B886
RGB	183, 184, 134
RGB Percent	72%, 72%, 53%
CMY	0.2823, 0.2784, 0.4744
CMYK	0.01, 0.00, 0.27, 0.28
HSL	61°, 26%, 62%
HSV	61°, 27%, 72%
XYZ	40.9739, 46.0695, 29.2937
YIQ	178.0010, 15.4540, -15.7620

Conversions

Conversions Part 2

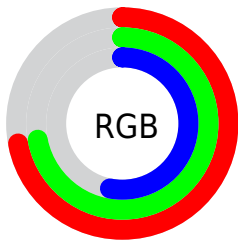
Format	Color
RYB	134, 184, 135
Decimal	12040326
CIELab	73.59, -8.46, 25.35
CIELCh	74, 26.727, 108.443
Yxy	46.0695, 0.3522, 0.3960
Android (android.graphics.Color)	4290230406 (0xFFB7B886)
YUV	178.0010, -21.6925, 4.3841
Hunter-Lab	67.8745, -11.0250, 21.9234

Details

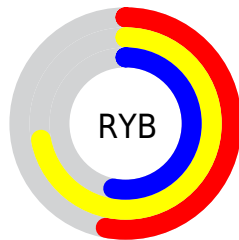
The Yxy color $46.0695, 0.3522, 0.3960$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $25.6688, 0.2672, 0.2524$, and the grayscale version is $44.6343, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3017, 0.3447, 0.3832$, and $21.5398, 0.3619, 0.4153$ is the 20% darker color. If you saturate the color by 10%, you get $45.5570, 0.3664, 0.4204$, and if you desaturate by 10%, it is $46.6756, 0.3375, 0.3710$.

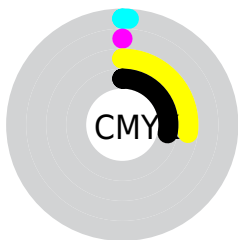
Distribution



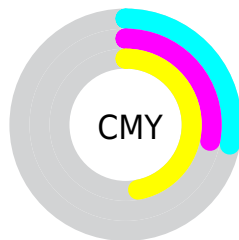
- Red (72%)
- Green (72%)
- Blue (53%)



- Red (53%)
- Yellow (72%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (28%)




- Cyan (28%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0695, 0.3522, 0.3960 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 46.0695, 0.3522, 0.3960 by changing the saturation by 10% instead.


 46.0695, 0.3522,
0.3960

 46.0695, 0.3522,
0.3960


371.0880, 0.3329,
0.3620


 32.3007, 0.3568,
0.4046


 84.3230, 0.3453,
0.3836

 21.5913, 0.3625,
0.4155


 109.5765, 0.3427,
0.3789

 13.5569, 0.3698,
0.4301


 139.4269, 0.3405,
0.3750

 7.8131, 0.3791,
0.4502

174.2588, 0.3386,
0.3717

 3.9756, 0.3911,
0.4793

214.4564, 0.3369,
0.3688

 1.6599, 0.4362,
0.5638

260.4042, 0.3354,

 0.3975, 0.3013,

0.3662

0.6987

312.4866, 0.3341,
0.3640

0.0000, 0.0000,
0.0000

46.0695, 0.3522,
0.3960

46.0695, 0.3522,
0.3960

45.5570, 0.3664,
0.4204

46.6756, 0.3375,
0.3710

45.1272, 0.3797,
0.4432

47.3734, 0.3229,
0.3463

44.7772, 0.3914,
0.4635

48.1690, 0.3088,
0.3223

44.5014, 0.4011,
0.4805

49.0661, 0.2953,
0.2996

44.2936, 0.4084,
0.4935

50.0684, 0.2827,
0.2784

■ 44.1463, 0.4131,
0.5022

■ 51.1791, 0.2710,
0.2588

■ 44.0491, 0.4154,
0.5069

■ 51.8876, 0.2649,
0.2483

■ 44.0251, 0.4159,
0.5080

■ 51.9335, 0.2651,
0.2484

■ 51.9795, 0.2654,
0.2485

Harmonies

Analogous

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



46.0695, 0.3789, 0.3825



46.0695, 0.3522, 0.3960



46.0695, 0.3158, 0.3898

Triad

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



46.0695, 0.3522, 0.3960



46.0695, 0.2432, 0.2946



46.0695, 0.3441, 0.2973

Complementary

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



46.0695, 0.3522, 0.3960



25.6688, 0.2672, 0.2524

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.



46.0695, 0.3060, 0.2767



46.0695, 0.3522, 0.3960



46.0695, 0.2495, 0.2737

Square

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



46.0695, 0.3522, 0.3960



46.0695, 0.2540, 0.3276



46.0695, 0.2718, 0.2679



46.0695, 0.3747, 0.3257

Rectangle

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



46.0695, 0.3522, 0.3960



46.0695, 0.2913, 0.3742



46.0695, 0.2718, 0.2679



46.0695, 0.3316, 0.2893

Sweetspot

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



46.0716, 0.3522, 0.3960



85.7449, 0.3243, 0.3487



29.1994, 0.3701, 0.3304



18.4420, 0.3265, 0.3523



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.



46.0716, 0.3522, 0.3960



82.9012, 0.3614, 0.4117



43.2908, 0.3297, 0.4012



10.4940, 0.3261, 0.3516



30.3449, 0.4159, 0.5080



1.0726, 0.4168, 0.5072

Inverse Universe

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



25.6688, 0.2672, 0.2524



39.3231, 0.2545, 0.2311



27.9740, 0.2911, 0.2574



8.7278, 0.2987, 0.3054



2.4051, 0.1508, 0.0604



0.0877, 0.1538, 0.0621

Previews

White Background



This preview shows how the Yxy color 46.0695, 0.3522, 0.3960 looks on a white background.

Color Contrast Check

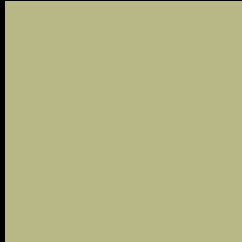
Large Text (above 18pt) WCAG AA × Fail

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 46.0695, 0.3522, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

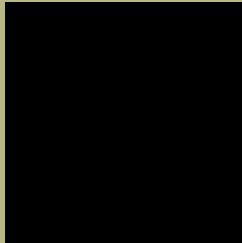
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0695, 0.3522, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 46.0695, 0.3522, 0.3960.



This preview shows how white text looks on a background with the Yxy color 46.0695, 0.3522, 0.3960.

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

46.0695, 0.3522, 0.3960

Protanopia

45.7778, 0.3655, 0.3915

Deuteranopia

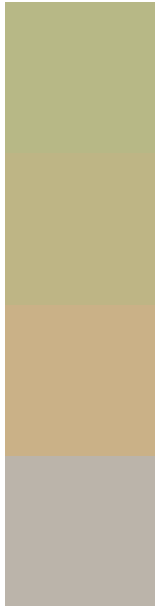
45.8108, 0.3829, 0.3746



Tritanopia

46.1530, 0.3127, 0.3113

Trichromacy



Original Color

46.0695, 0.3522, 0.3960

Protanomaly

45.6884, 0.3605, 0.3923

Deuteranomaly

45.7501, 0.3716, 0.3825

Tritanomaly

46.1096, 0.3270, 0.3421

Monochromacy



Original Color

46.0695, 0.3522, 0.3960

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.9544, 0.3273, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0695, 0.3522, 0.3960 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(183, 184, 134)` looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 134)  
}
```

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(183, 184, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 134) }
```

Border

The CSS property to change the border of an element to Yxy 46.0695, 0.3522, 0.3960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

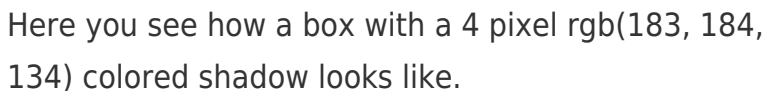
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 184, 134) }
```

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

```
.border{ border-color:rgb(183, 184, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 184, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 184, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 184, 134); box-shadow:4px 4px 4px 4px rgb(183, 184, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0695, 0.3522, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 134) }
```

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

```
.background{ background-color: rgb(183,  
184, 134) }
```

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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