

Converting Colors

$Yxy(46.6312, 0.3406, 0.3535)$

Have a look what the booklet for
Yxy(46.6312, 0.3406, 0.3535)
contains.

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Color

Yxy(46.6851, 0.3408, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	C2B4A1
RGB	194, 180, 161
RGB Percent	76%, 71%, 63%
CMY	0.2393, 0.2941, 0.3687
CMYK	0.00, 0.07, 0.17, 0.24
HSL	35°, 21%, 70%
HSV	35°, 17%, 76%
XYZ	44.9951, 46.6851, 40.3478
YIQ	182.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

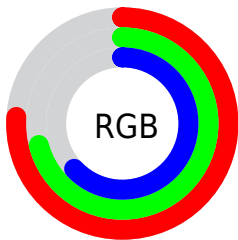
Format	Color
RYB	185, 194, 161
Decimal	12760225
CIELab	73.99, 1.80, 11.50
CIELCh	74, 11.639, 81.078
Yxy	46.6851, 0.3408, 0.3536
Android (android.graphics.Color)	4290950305 (0xFFC2B4A1)
YUV	182.0200, -10.3629, 10.5065
Hunter-Lab	68.3265, -2.0235, 12.8170

Details

The Yxy color $46.6851, 0.3408, 0.3536$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.1026, 0.2861, 0.3031$, and the grayscale version is $46.8407, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.4580, 0.3357, 0.3491$, and $21.8583, 0.3493, 0.3607$ is the 20% darker color. If you saturate the color by 10%, you get $42.8397, 0.3600, 0.3689$, and if you desaturate by 10%, it is $50.8369, 0.3236, 0.3389$.

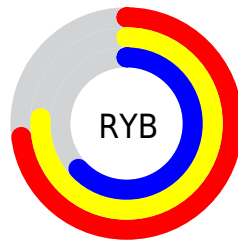
Distribution



Red (76%)

Green (71%)

Blue (63%)



Red (73%)

Yellow (76%)

Blue (63%)

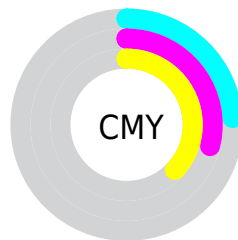


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (29%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6851, 0.3408, 0.3536 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 46.6851, 0.3408, 0.3536 by changing the saturation by 10% instead.


 46.6851, 0.3408,
0.3536

 46.6851, 0.3408,
0.3536


373.5562, 0.3267,
0.3414

 32.7868, 0.3443,
0.3566


 85.2434, 0.3357,
0.3492

 21.9632, 0.3488,
0.3605


 110.6721, 0.3338,
0.3475

 13.8298, 0.3548,
0.3656

140.7132, 0.3321,
0.3461

 8.0024, 0.3632,
0.3727

175.7509, 0.3308,
0.3449

 4.0965, 0.3757,
0.3831

216.1696, 0.3295,
0.3438

 1.7277, 0.3961,
0.3998

262.3538, 0.3285,

 0.4415, 0.5123,

0.3429

0.4877

314.6879, 0.3276,
0.3421

0.0000, 0.0000,
0.0000

46.6851, 0.3408,
0.3536

46.6851, 0.3408,
0.3536

42.8397, 0.3600,
0.3689

50.8369, 0.3236,
0.3389

39.2862, 0.3811,
0.3842

55.2968, 0.3083,
0.3249

36.0180, 0.4039,
0.3989

60.0743, 0.2949,
0.3119

33.0258, 0.4278,
0.4121

65.1765, 0.2830,
0.2999

30.2997, 0.4519,
0.4227

70.4180, 0.2742,
0.2918

■ 27.8286, 0.4751,
0.4294

■ 74.8577, 0.2750,
0.3010

■ 25.6004, 0.4960,
0.4312

■ 79.5121, 0.2757,
0.3101

■ 23.5996, 0.5136,
0.4278

■ 84.3840, 0.2765,
0.3190

■ 23.0382, 0.5187,
0.4264

■ 89.4762, 0.2772,
0.3277

Harmonies

Analogous

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



46.6851, 0.3449, 0.3431



46.6851, 0.3408, 0.3536



46.6851, 0.3291, 0.3577

Triad

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



46.6851, 0.3408, 0.3536



46.6851, 0.2860, 0.3276



46.6851, 0.3116, 0.3059

Complementary

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



46.6851, 0.3408, 0.3536



42.1026, 0.2861, 0.3031

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.



46.6851, 0.2961, 0.3016



46.6851, 0.3408, 0.3536



46.6851, 0.2815, 0.3136

Square

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



46.6851, 0.3408, 0.3536



46.6851, 0.2974, 0.3425



46.6851, 0.2852, 0.3043



46.6851, 0.3278, 0.3160

Rectangle

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



46.6851, 0.3408, 0.3536



46.6851, 0.3187, 0.3559



46.6851, 0.2852, 0.3043



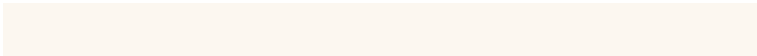
46.6851, 0.3061, 0.3038

Sweetspot

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



46.6872, 0.3408, 0.3536



93.6502, 0.3205, 0.3361



40.0540, 0.3314, 0.3105



20.3846, 0.3217, 0.3371



0.0000, 0.0000, 0.0000



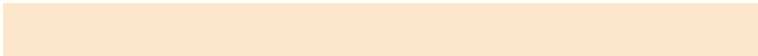
21.4041, 0.3127, 0.3290

Same Dimension

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



46.6872, 0.3408, 0.3536



82.2469, 0.3469, 0.3586



52.3195, 0.3361, 0.3710



11.0214, 0.3275, 0.3423



15.3173, 0.5170, 0.4277



0.7959, 0.4896, 0.4494

Inverse Universe

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



42.1026, 0.2861, 0.3031



72.5517, 0.2807, 0.2975



37.1818, 0.2871, 0.2838



10.4326, 0.2984, 0.3154



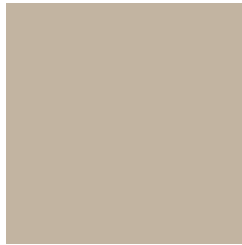
6.6888, 0.1708, 0.1350



0.4253, 0.1832, 0.1796

Previews

White Background



This preview shows how the Yxy color 46.6851, 0.3408, 0.3536 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 46.6851, 0.3408, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

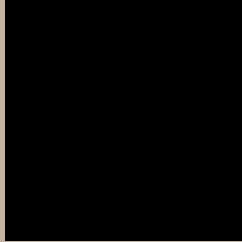
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

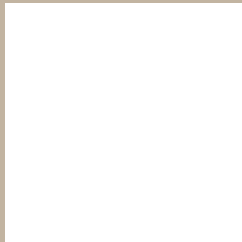
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6851, 0.3408, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 46.6851, 0.3408, 0.3536.



This preview shows how white text looks on a background with the Yxy color 46.6851, 0.3408, 0.3536.

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

46.6851, 0.3408, 0.3536

Protanopia

46.6035, 0.3362, 0.3538

Deuteranopia

46.5340, 0.3531, 0.3453



Tritanopia

46.7741, 0.3205, 0.3116

Trichromacy



Original Color

46.6851, 0.3408, 0.3536

Protanomaly

46.7327, 0.3371, 0.3537

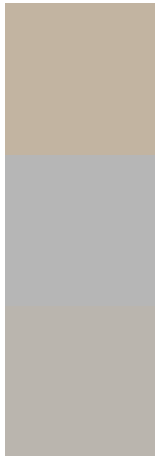
Deuteranomaly

46.6095, 0.3479, 0.3480

Tritanomaly

46.5693, 0.3287, 0.3265

Monochromacy



Original Color

46.6851, 0.3408, 0.3536

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5428, 0.3227, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6851, 0.3408, 0.3536 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(194, 180, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 161)  
}
```

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(194, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 161) }
```

Border

The CSS property to change the border of an element to Yxy 46.6851, 0.3408, 0.3536 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(194, 180, 161) }
```

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

```
.border{ border-color:rgb(194, 180, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6851, 0.3408, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 161) }
```

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

```
.background{ background-color: rgb(194,  
180, 161) }
```

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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