

Converting Colors

$Yxy(46.5071, 0.3338, 0.3356)$

Have a look what the booklet for
Yxy(46.5071, 0.3338, 0.3356)
contains.

Yxy(46.6897, 0.3345, 0.3367)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.6897, 0.3345, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	C5B2AC
RGB	197, 178, 172
RGB Percent	77%, 70%, 67%
CMY	0.2276, 0.3019, 0.3255
CMYK	0.00, 0.10, 0.13, 0.23
HSL	14°, 18%, 72%
HSV	14°, 13%, 77%
XYZ	46.3846, 46.6897, 45.5942
YIQ	182.9970, 13.2500, 2.1620

Conversions

Conversions Part 2

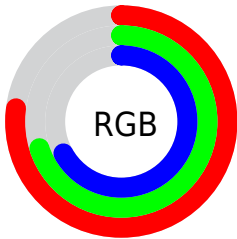
Format	Color
R _Y B	197, 180, 172
Decimal	12956332
CIE Lab	73.99, 5.76, 5.53
CIE LCh	74, 7.986, 43.811
Yxy	46.6897, 0.3345, 0.3367
Android (android.graphics.Color)	4291146412 (0xFFC5B2AC)
YUV	182.9970, -5.4215, 12.2806
Hunter-Lab	68.3299, 1.5946, 8.2687

Details

The Yxy color $46.6897, 0.3345, 0.3367$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.0342, 0.2934, 0.3212$, and the grayscale version is $47.3757, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.4625, 0.3309, 0.3360$, and $21.8629, 0.3406, 0.3377$ is the 20% darker color. If you saturate the color by 10%, you get $40.3628, 0.3556, 0.3432$, and if you desaturate by 10%, it is $53.7808, 0.3169, 0.3306$.

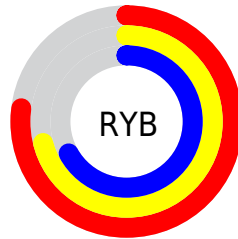
Distribution



Red (77%)

Green (70%)

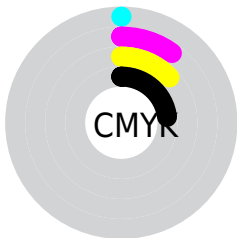
Blue (67%)



Red (77%)

Yellow (71%)

Blue (67%)

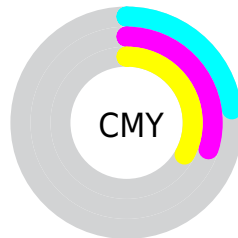


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (23%)



Cyan (23%)


Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6897, 0.3345, 0.3367 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 46.6897, 0.3345, 0.3367 by changing the saturation by 10% instead.


 46.6897, 0.3345,
0.3367

 46.6897, 0.3345,
0.3367


373.5746, 0.3236,
0.3329

 32.7904, 0.3372,
0.3376


 85.2503, 0.3305,
0.3354

 21.9659, 0.3408,
0.3388


110.6803, 0.3290,
0.3348

 13.8319, 0.3455,
0.3403


140.7228, 0.3278,
0.3344

 8.0038, 0.3522,
0.3423

175.7620, 0.3267,
0.3340

 4.0974, 0.3622,
0.3453

216.1824, 0.3257,
0.3337

 1.7282, 0.3789,
0.3498

262.3684, 0.3249,

 0.4418, 0.5111,

0.3334

0.4028

314.7043, 0.3242,
0.3332

0.0000, 0.0000,
0.0000

46.6897, 0.3345,
0.3367

46.6897, 0.3345,
0.3367

40.3628, 0.3556,
0.3432

53.7808, 0.3169,
0.3306

34.7683, 0.3807,
0.3499

61.6543, 0.3022,
0.3249

29.8813, 0.4104,
0.3564

70.3354, 0.2900,
0.3197

25.6731, 0.4445,
0.3622

79.8465, 0.2797,
0.3150

22.1128, 0.4824,
0.3664

89.1716, 0.2787,
0.3265

■ 19.1673, 0.5220,
0.3679

■ 90.6051, 0.2789,
0.3289

■ 16.8003, 0.5599,
0.3658

■ 14.9712, 0.5918,
0.3596

■ 13.9398, 0.6102,
0.3537

Harmonies

Analogous

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



46.6897, 0.3299, 0.3270



46.6897, 0.3345, 0.3367



46.6897, 0.3332, 0.3446

Triad

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



46.6897, 0.3345, 0.3367



46.6897, 0.3047, 0.3404



46.6897, 0.2991, 0.3101

Complementary

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



46.6897, 0.3345, 0.3367



50.0342, 0.2934, 0.3212

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.



46.6897, 0.2926, 0.3132



46.6897, 0.3345, 0.3367



46.6897, 0.2958, 0.3307

Square

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



46.6897, 0.3345, 0.3367



46.6897, 0.3159, 0.3469



46.6897, 0.2914, 0.3207



46.6897, 0.3093, 0.3119

Rectangle

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



46.6897, 0.3345, 0.3367



46.6897, 0.3291, 0.3477



46.6897, 0.2914, 0.3207



46.6897, 0.2964, 0.3106

Sweetspot

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



46.6918, 0.3345, 0.3367



94.5215, 0.3192, 0.3314



45.1361, 0.3190, 0.3051



20.0165, 0.3204, 0.3318



0.0000, 0.0000, 0.0000



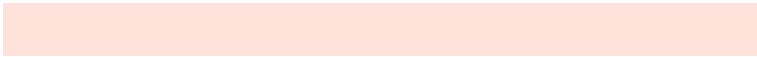
21.4041, 0.3127, 0.3290

Same Dimension

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



46.6918, 0.3345, 0.3367



80.6376, 0.3395, 0.3383



51.8021, 0.3325, 0.3519



11.0456, 0.3284, 0.3346



9.2833, 0.6081, 0.3554



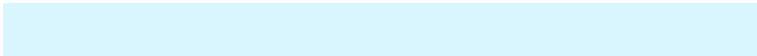
0.5567, 0.5661, 0.3887

Inverse Universe

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



50.0342, 0.2934, 0.3212



87.7062, 0.2895, 0.3195



44.9010, 0.2930, 0.3050



11.6172, 0.2984, 0.3233



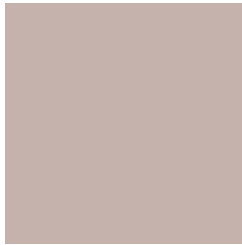
17.0234, 0.2027, 0.2498



0.9134, 0.2079, 0.2682

Previews

White Background



This preview shows how the Yxy color 46.6897, 0.3345, 0.3367 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 46.6897, 0.3345, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

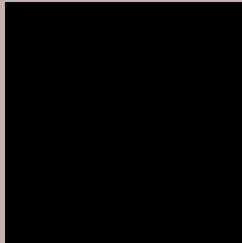
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6897, 0.3345, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 46.6897, 0.3345, 0.3367.



This preview shows how white text looks on a background with the Yxy color 46.6897, 0.3345, 0.3367.

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

46.6897, 0.3345, 0.3367

Protanopia

46.6685, 0.3235, 0.3381

Deuteranopia

46.7257, 0.3403, 0.3341



Tritanopia

46.4762, 0.3223, 0.3117

Trichromacy



Original Color

46.6897, 0.3345, 0.3367

Protanomaly

46.7360, 0.3280, 0.3380

Deuteranomaly

46.8403, 0.3383, 0.3353

Tritanomaly

46.4753, 0.3264, 0.3203

Monochromacy



Original Color

46.6897, 0.3345, 0.3367

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9938, 0.3203, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6897, 0.3345, 0.3367 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(197, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(197, 178, 172)  
}
```

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(197, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 178, 172) }
```

Border

The CSS property to change the border of an element to Yxy 46.6897, 0.3345, 0.3367 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(197, 178, 172) }
```

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

```
.border{ border-color:rgb(197, 178, 172) }
```

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

Here you see how a box with a 4 pixel rgb(197, 178, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(197, 178,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6897, 0.3345, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 178, 172) }
```

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

```
.background{ background-color: rgb(197,  
178, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor