

Converting Colors

$Yxy(71.5882, 0.3268, 0.3529)$

Have a look what the booklet for
Yxy(71.5882, 0.3268, 0.3529)
contains.

Yxy(71.7848, 0.3267, 0.3534)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.7848, 0.3267, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	DDDEC8
RGB	221, 222, 200
RGB Percent	87%, 87%, 78%
CMY	0.1333, 0.1294, 0.2158
CMYK	0.00, 0.00, 0.10, 0.13
HSL	63°, 25%, 83%
HSV	63°, 10%, 87%
XYZ	66.3613, 71.7848, 64.9801
YIQ	219.1930, 6.4660, -7.0540

Conversions

Conversions Part 2

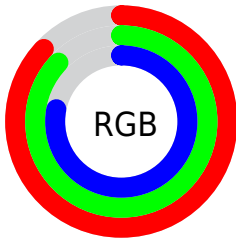
Format	Color
R_{YB}	200, 222, 201
Decimal	14540488
CIE Lab	87.86, -4.12, 10.69
CIE LCh	88, 11.460, 111.089
Yxy	71.7848, 0.3267, 0.3534
Android (android.graphics.Color)	4292730568 (0xFFDDDEC8)
YUV	219.1930, -9.4621, 1.5847
Hunter-Lab	84.7259, -8.4607, 13.8360

Details

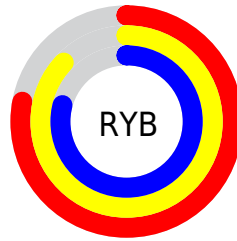
The Yxy color **71.7848, 0.3267, 0.3534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9818, 0.2980, 0.3035**, and the grayscale version is **71.0429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8197, 0.3301, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **70.6649, 0.3411, 0.3787**, and if you desaturate by 10%, it is **73.0627, 0.3126, 0.3288**.

Distribution



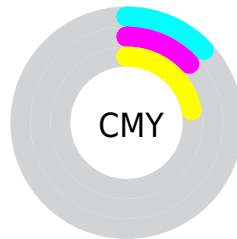
- Red (87%)
- Green (87%)
- Blue (78%)



- Red (78%)
- Yellow (87%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7848, 0.3267, 0.3534 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 71.7848, 0.3267, 0.3534 by changing the saturation by 10% instead.

■ 71.7848, 0.3267,
0.3534

■ 71.7848, 0.3267,
0.3534

466.7922, 0.3203,
0.3420

■ 52.9829, 0.3282,
0.3560

121.7505, 0.3245,
0.3494

■ 37.7891, 0.3300,
0.3593

153.6831, 0.3236,
0.3479

■ 25.8191, 0.3323,
0.3635

190.7614, 0.3229,
0.3465

■ 16.6883, 0.3352,
0.3690

233.3698, 0.3222,
0.3454

■ 10.0125, 0.3392,
0.3766

281.8927, 0.3216,
0.3444

■ 5.4073, 0.3450,
0.3878

336.7145, 0.3211,

■ 2.4881, 0.3537,

0.3435

0.4056

398.2195, 0.3207,
0.3427

0.8707, 0.4043,
0.4842

0.0000, 0.0000,
0.0000

71.7848, 0.3267,
0.3534

71.7848, 0.3267,
0.3534

70.6649, 0.3411,
0.3787

73.0627, 0.3126,
0.3288

69.6870, 0.3554,
0.4041


74.4953, 0.2992,
0.3055


68.8474, 0.3691,
0.4287


75.3236, 0.2933,
0.2949


68.1386, 0.3816,
0.4514


75.4870, 0.2940,
0.2949


 67.5524, 0.3923,
0.4714


 75.6513, 0.2947,
0.2950


 67.0795, 0.4008,
0.4878


 75.8166, 0.2953,
0.2951


 66.7095, 0.4068,
0.4999

 75.9829, 0.2960,
0.2951

 66.4301, 0.4101,
0.5076

 76.1502, 0.2967,
0.2952

 66.2193, 0.4112,
0.5116

 76.3184, 0.2974,
0.2953

Harmonies

Analogous

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



71.7848, 0.3367, 0.3500



71.7848, 0.3267, 0.3534



71.7848, 0.3131, 0.3500

Triad

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



71.7848, 0.3267, 0.3534



71.7848, 0.2860, 0.3159



71.7848, 0.3256, 0.3179

Complementary

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



71.7848, 0.3267, 0.3534



58.9818, 0.2980, 0.3035

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.



71.7848, 0.3118, 0.3092



71.7848, 0.3267, 0.3534



71.7848, 0.2892, 0.3079

Square

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



71.7848, 0.3267, 0.3534



71.7848, 0.2899, 0.3279



71.7848, 0.2985, 0.3056



71.7848, 0.3361, 0.3294

Rectangle

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



71.7848, 0.3267, 0.3534



71.7848, 0.3039, 0.3442



71.7848, 0.2985, 0.3056



71.7848, 0.3212, 0.3145

Sweetspot

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



71.7879, 0.3267, 0.3534



99.4505, 0.3169, 0.3363



61.3337, 0.3301, 0.3299



21.2558, 0.3181, 0.3383



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.



71.7879, 0.3267, 0.3534



97.9182, 0.3298, 0.3588



70.1549, 0.3189, 0.3540



15.9958, 0.3260, 0.3522



39.3421, 0.4114, 0.5116



2.7370, 0.4127, 0.5105

Inverse Universe

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



58.9818, 0.2980, 0.3035



76.8837, 0.2945, 0.2975



60.5232, 0.3060, 0.3041



13.2731, 0.2988, 0.3048



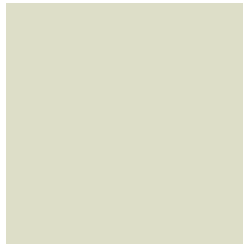
3.1847, 0.1515, 0.0608



0.2315, 0.1558, 0.0632

Previews

White Background



This preview shows how the Yxy color 71.7848, 0.3267, 0.3534 looks on a white background.

Color Contrast Check

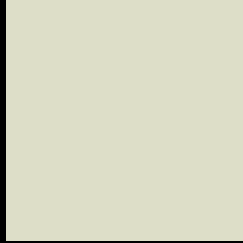
Large Text (above 18pt) WCAG AA × Fail

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 71.7848, 0.3267, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

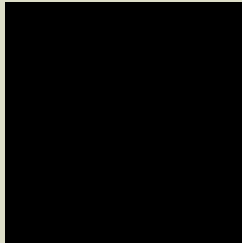
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

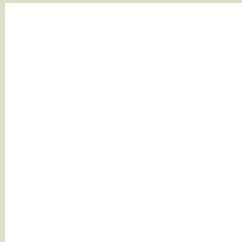
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7848, 0.3267, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 71.7848, 0.3267, 0.3534.



This preview shows how white text looks on a background with the Yxy color 71.7848, 0.3267, 0.3534.

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

71.7848, 0.3267, 0.3534

Protanopia

71.4446, 0.3337, 0.3508

Deuteranopia

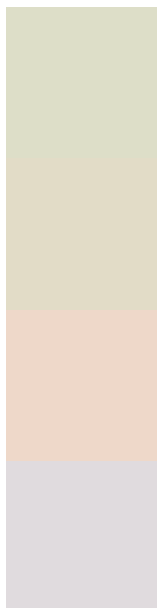
71.3077, 0.3472, 0.3395



Tritanopia

71.7350, 0.3079, 0.3109

Trichromacy



Original Color

71.7848, 0.3267, 0.3534

Protanomaly

71.4787, 0.3313, 0.3521

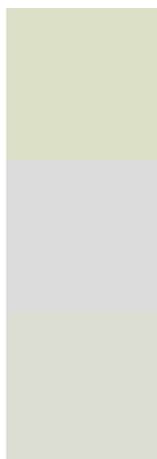
Deuteranomaly

71.5059, 0.3395, 0.3451

Tritanomaly

71.7843, 0.3143, 0.3258

Monochromacy



Original Color

71.7848, 0.3267, 0.3534

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.1555, 0.3180, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7848, 0.3267, 0.3534 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(221, 222, 200)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 200)  
}
```

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(221, 222, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 200) }
```

Border

The CSS property to change the border of an element to Yxy 71.7848, 0.3267, 0.3534 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(221, 222, 200) }
```

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

```
.border{ border-color:rgb(221, 222, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 200);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7848, 0.3267, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 200) }
```

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

```
.background{ background-color: rgb(221,  
222, 200) }
```

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