

Converting Colors

$Yxy(71.1339, 0.3263, 0.3543)$

Have a look what the booklet for
Yxy(71.1339, 0.3263, 0.3543)
contains.

Yxy(70.8965, 0.3260, 0.3535)	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(70.8965, 0.3260, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	DBDDC7
RGB	219, 221, 199
RGB Percent	86%, 87%, 78%
CMY	0.1411, 0.1333, 0.2196
CMYK	0.01, 0.00, 0.10, 0.13
HSL	65°, 24%, 82%
HSV	65°, 10%, 87%
XYZ	65.3812, 70.8965, 64.2782
YIQ	217.8940, 5.8700, -7.2660

Conversions

Conversions Part 2

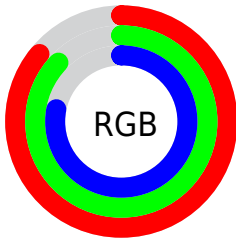
Format	Color
RYB	199, 221, 201
Decimal	14409159
CIELab	87.43, -4.46, 10.56
CIELCh	87, 11.464, 112.916
Yxy	70.8965, 0.3260, 0.3535
Android (android.graphics.Color)	4292599239 (0xFFDBDDC7)
YUV	217.8940, -9.3147, 0.9700
Hunter-Lab	84.2001, -8.7451, 13.6782

Details

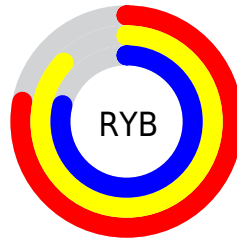
The Yxy color **70.8965, 0.3260, 0.3535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4920, 0.2987, 0.3035**, and the grayscale version is **70.0995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2093, 0.3292, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **69.6372, 0.3396, 0.3790**, and if you desaturate by 10%, it is **72.3148, 0.3127, 0.3289**.

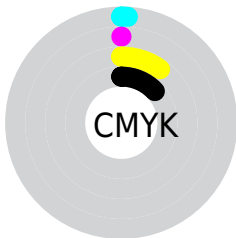
Distribution



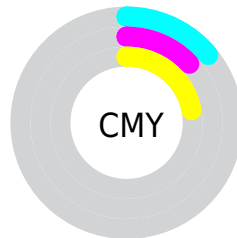
- Red (86%)
- Green (87%)
- Blue (78%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.8965, 0.3260, 0.3535 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 70.8965, 0.3260, 0.3535 by changing the saturation by 10% instead.

■ 70.8965, 0.3260,
0.3535

■ 70.8965, 0.3260,
0.3535

463.6915, 0.3199,
0.3420

■ 52.2577, 0.3274,
0.3562

120.4863, 0.3239,
0.3495

■ 37.2106, 0.3291,
0.3595

152.2062, 0.3231,
0.3479

■ 25.3706, 0.3313,
0.3637

189.0552, 0.3223,
0.3466

■ 16.3533, 0.3341,
0.3693

231.4178, 0.3217,
0.3454

■ 9.7745, 0.3380,
0.3771

279.6783, 0.3212,
0.3444

■ 5.2497, 0.3434,
0.3885

334.2212, 0.3207,

■ 2.3945, 0.3518,

0.3435

0.4068

395.4308, 0.3203,
0.3427

0.8231, 0.4070,
0.4975

0.0000, 0.0000,
0.0000

70.8965, 0.3260,
0.3535

70.8965, 0.3260,
0.3535

69.6372, 0.3396,
0.3790

72.3148, 0.3127,
0.3289

68.5212, 0.3531,
0.4047


73.8889, 0.2999,
0.3056


67.5448, 0.3660,
0.4298

74.9453, 0.2939,
0.2939

66.7005, 0.3776,
0.4533


75.2695, 0.2953,
0.2940

 65.9802, 0.3876,
0.4742


 75.5975, 0.2966,
0.2941

 65.3747, 0.3953,
0.4915


 75.9293, 0.2979,
0.2943

 64.8738, 0.4004,
0.5045

 76.2649, 0.2993,
0.2944

 64.4651, 0.4029,
0.5131

 76.6043, 0.3006,
0.2946

 64.1270, 0.4033,
0.5179

 76.9476, 0.3020,
0.2947

Harmonies

Analogous

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



70.8965, 0.3363, 0.3505



70.8965, 0.3260, 0.3535



70.8965, 0.3123, 0.3496

Triad

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



70.8965, 0.3260, 0.3535



70.8965, 0.2859, 0.3153



70.8965, 0.3265, 0.3185

Complementary

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



70.8965, 0.3260, 0.3535



58.4920, 0.2987, 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.



70.8965, 0.3127, 0.3095



70.8965, 0.3260, 0.3535



70.8965, 0.2895, 0.3075

Square

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



70.8965, 0.3260, 0.3535



70.8965, 0.2893, 0.3271



70.8965, 0.2992, 0.3055



70.8965, 0.3366, 0.3302

Rectangle

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



70.8965, 0.3260, 0.3535



70.8965, 0.3031, 0.3436



70.8965, 0.2992, 0.3055



70.8965, 0.3221, 0.3151

Sweetspot

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



70.8996, 0.3260, 0.3535



99.3856, 0.3167, 0.3363



61.1979, 0.3299, 0.3311



21.2382, 0.3178, 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.



70.8996, 0.3260, 0.3535



97.6609, 0.3289, 0.3589



69.2737, 0.3181, 0.3541



15.2007, 0.3253, 0.3522



37.2764, 0.4036, 0.5178



2.4329, 0.4063, 0.5156

Inverse Universe

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



58.4920, 0.2987, 0.3035



77.1061, 0.2954, 0.2976



60.0467, 0.3069, 0.3041



12.6734, 0.2995, 0.3049



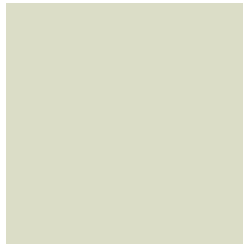
3.1404, 0.1532, 0.0617



0.2233, 0.1619, 0.0666

Previews

White Background



This preview shows how the Yxy color 70.8965, 0.3260, 0.3535 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 70.8965, 0.3260, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

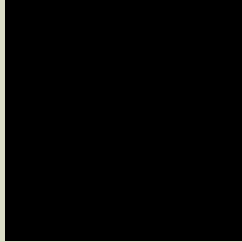
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

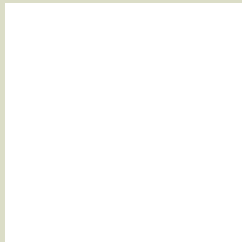
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.8965, 0.3260, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 70.8965, 0.3260, 0.3535.



This preview shows how white text looks on a background with the Yxy color 70.8965, 0.3260, 0.3535.

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

70.8965, 0.3260, 0.3535

Protanopia

70.7140, 0.3338, 0.3509

Deuteranopia

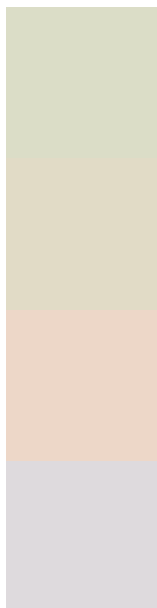
70.5797, 0.3473, 0.3396



Tritanopia

70.8422, 0.3071, 0.3108

Trichromacy



Original Color

70.8965, 0.3260, 0.3535

Protanomaly

70.7478, 0.3314, 0.3522

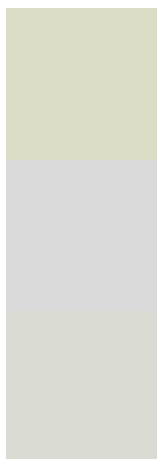
Deuteranomaly

70.7755, 0.3397, 0.3451

Tritanomaly

70.8929, 0.3136, 0.3257

Monochromacy



Original Color

70.8965, 0.3260, 0.3535

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2716, 0.3173, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8965, 0.3260, 0.3535 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(219, 221, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 221, 199)  
}
```

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(219, 221, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 221, 199) }
```

Border

The CSS property to change the border of an element to Yxy 70.8965, 0.3260, 0.3535 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(219, 221, 199) }
```

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

```
.border{ border-color:rgb(219, 221, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 221, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 221, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 221, 199); box-shadow:4px 4px 4px 4px rgb(219, 221, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8965, 0.3260, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 221, 199) }
```

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

```
.background{ background-color: rgb(219,  
221, 199) }
```

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