

Converting Colors

$Yxy(71.6632, 0.3118, 0.3528)$

Have a look what the booklet for
Yxy(71.6632, 0.3118, 0.3528)
contains.

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Color

Yxy(71.7796, 0.3116, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	CDE2CD
RGB	205, 226, 205
RGB Percent	80%, 89%, 80%
CMY	0.1960, 0.1137, 0.1960
CMYK	0.09, 0.00, 0.09, 0.11
HSL	120°, 27%, 85%
HSV	120°, 9%, 89%
XYZ	63.3972, 71.7796, 68.2801
YIQ	217.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

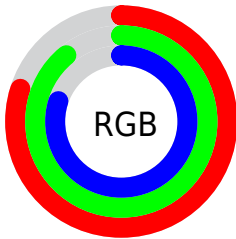
Format	Color
RYB	205, 226, 226
Decimal	13492941
CIELab	87.86, -10.82, 7.88
CIELCh	88, 13.386, 143.914
Yxy	71.7796, 0.3116, 0.3528
Android (android.graphics.Color)	4291683021 (0xFFCDE2CD)
YUV	217.3270, -6.0772, -10.8108
Hunter-Lab	84.7228, -14.6954, 11.5228

Details

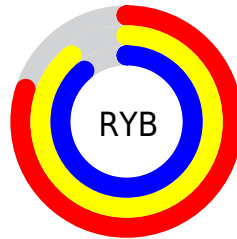
The Yxy color **71.7796, 0.3116, 0.3528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3299, 0.3138, 0.3063**, and the grayscale version is **69.6735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9395, 0.3113, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **67.7832, 0.3102, 0.3818**, and if you desaturate by 10%, it is **76.4040, 0.3128, 0.3273**.

Distribution



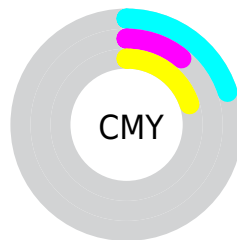
- Red (80%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7796, 0.3116, 0.3528 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 71.7796, 0.3116, 0.3528 by changing the saturation by 10% instead.

■ 71.7796, 0.3116,
0.3528

■ 71.7796, 0.3116,
0.3528

466.7741, 0.3122,
0.3416

■ 52.9787, 0.3114,
0.3554

121.7431, 0.3118,
0.3489

■ 37.7857, 0.3112,
0.3587

153.6745, 0.3119,
0.3473

■ 25.8164, 0.3109,
0.3629

190.7515, 0.3120,
0.3460

■ 16.6864, 0.3105,
0.3685

233.3584, 0.3120,
0.3449

■ 10.0111, 0.3099,
0.3762

281.8798, 0.3121,
0.3439

■ 5.4063, 0.3088,
0.3877


336.6999, 0.3121,

■ 2.4876, 0.3068,

0.3430

0.4067


398.2032, 0.3122,
0.3423


 0.8704, 0.3077,
0.4756


 0.0000, 0.0000,
0.0000


 71.7796, 0.3116,
0.3528


 71.7796, 0.3116,
0.3528


 67.7832, 0.3102,
0.3818


 76.4040, 0.3128,
0.3273

 64.3791, 0.3087,
0.4142

 81.6720, 0.3138,
0.3052

 61.5419, 0.3071,
0.4491

 82.8726, 0.3140,
0.3009

 59.2407, 0.3054,
0.4852

■ 57.4420, 0.3037,
0.5201

■ 56.1081, 0.3023,
0.5513

■ 55.1965, 0.3011,
0.5758

■ 54.6564, 0.3004,
0.5917

■ 54.4066, 0.3000,
0.5996

Harmonies

Analogous

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



71.7796, 0.3276, 0.3575



71.7796, 0.3116, 0.3528



71.7796, 0.2962, 0.3411

Triad

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



71.7796, 0.3116, 0.3528



71.7796, 0.2860, 0.3038



71.7796, 0.3409, 0.3308

Complementary

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



71.7796, 0.3116, 0.3528



65.3299, 0.3138, 0.3063

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.



71.7796, 0.3292, 0.3172



71.7796, 0.3116, 0.3528



71.7796, 0.2974, 0.3018

Square

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



71.7796, 0.3116, 0.3528



71.7796, 0.2817, 0.3126



71.7796, 0.3132, 0.3067



71.7796, 0.3448, 0.3443

Rectangle

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



71.7796, 0.3116, 0.3528



71.7796, 0.2882, 0.3313



71.7796, 0.3132, 0.3067



71.7796, 0.3377, 0.3261

Sweetspot

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



71.7827, 0.3116, 0.3528



98.0949, 0.3124, 0.3364



74.7798, 0.3265, 0.3514



20.8902, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



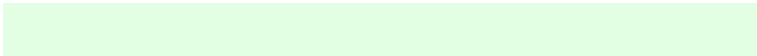
21.4041, 0.3127, 0.3290

Same Dimension

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



71.7827, 0.3116, 0.3528



93.3862, 0.3114, 0.3577



72.2884, 0.3052, 0.3412



15.3373, 0.3116, 0.3532



31.0311, 0.3000, 0.6000



2.1509, 0.3000, 0.6000

Inverse Universe

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



65.3299, 0.3138, 0.3063



83.3906, 0.3140, 0.3018



64.7895, 0.3210, 0.3172



13.9356, 0.3138, 0.3059



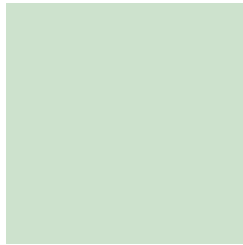
12.3561, 0.3209, 0.1541



0.8565, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 71.7796, 0.3116, 0.3528 looks on a white background.

Color Contrast Check

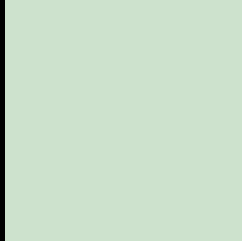
Large Text (above 18pt) WCAG AA × Fail

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 71.7796, 0.3116, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

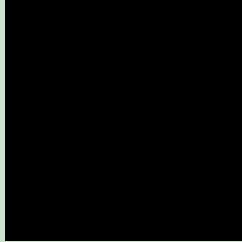
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

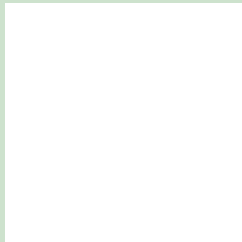
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7796, 0.3116, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 71.7796, 0.3116, 0.3528.

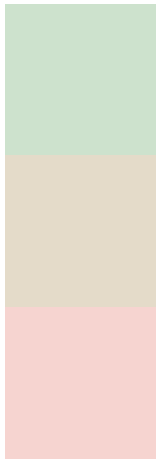


This preview shows how white text looks on a background with the Yxy color 71.7796, 0.3116, 0.3528.

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

71.7796, 0.3116, 0.3528

Protanopia

71.3741, 0.3316, 0.3487

Deuteranopia

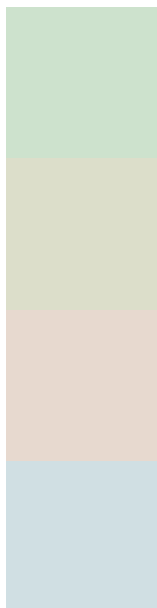
71.2339, 0.3412, 0.3333



Tritanopia

71.6465, 0.2937, 0.3094

Trichromacy



Original Color

71.7796, 0.3116, 0.3528

Protanomaly

71.7225, 0.3246, 0.3512

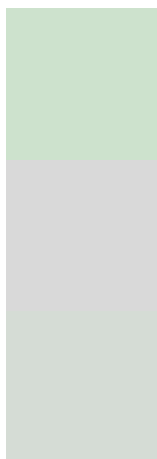
Deuteranomaly

71.1196, 0.3299, 0.3398

Tritanomaly

71.7313, 0.2998, 0.3245

Monochromacy



Original Color

71.7796, 0.3116, 0.3528

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.1366, 0.3123, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7796, 0.3116, 0.3528 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(205, 226, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 226, 205)  
}
```

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(205, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 226, 205) }
```

Border

The CSS property to change the border of an element to Yxy 71.7796, 0.3116, 0.3528 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(205, 226, 205) }
```

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

```
.border{ border-color:rgb(205, 226, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 226, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 226,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7796, 0.3116, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 226, 205) }
```

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

```
.background{ background-color: rgb(205,  
226, 205) }
```

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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