

Converting Colors

$Y_{xy}(74.1251, 0.3225, 0.3531)$

Have a look what the booklet for
Yxy(74.1251, 0.3225, 0.3531)
contains.

Yxy(73.9680, 0.3228, 0.3532)	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(73.9680, 0.3228, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	DCE2CC
RGB	220, 226, 204
RGB Percent	86%, 89%, 80%
CMY	0.1374, 0.1137, 0.1999
CMYK	0.03, 0.00, 0.10, 0.11
HSL	77°, 28%, 84%
HSV	77°, 10%, 89%
XYZ	67.6016, 73.9680, 67.8529
YIQ	221.6980, 3.4860, -8.1140

Conversions

Conversions Part 2

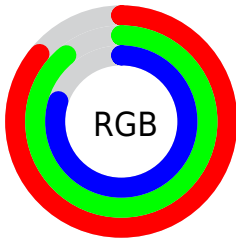
Format	Color
RYB	204, 226, 210
Decimal	14475980
CIELab	88.91, -5.87, 10.04
CIELCh	89, 11.634, 120.306
Yxy	73.9680, 0.3228, 0.3532
Android (android.graphics.Color)	4292666060 (0xFFDCE2CC)
YUV	221.6980, -8.7251, -1.4891
Hunter-Lab	86.0047, -10.2032, 13.4268

Details

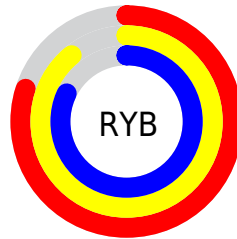
The Yxy color **73.9680, 0.3228, 0.3532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4017, 0.3020, 0.3043**, and the grayscale version is **72.8817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3272, 0.3250, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **72.0099, 0.3332, 0.3795**, and if you desaturate by 10%, it is **76.1261, 0.3124, 0.3284**.

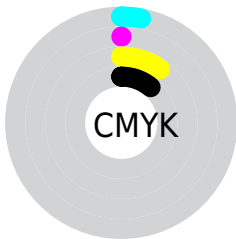
Distribution



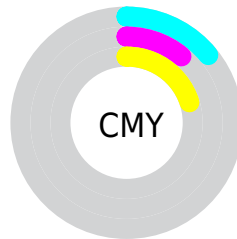
- Red (86%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9680, 0.3228, 0.3532 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 73.9680, 0.3228, 0.3532 by changing the saturation by 10% instead.

■ 73.9680, 0.3228,
0.3532

■ 73.9680, 0.3228,
0.3532

474.3629, 0.3182,
0.3419

■ 54.7678, 0.3238,
0.3558

124.8504, 0.3212,
0.3493

■ 39.2159, 0.3251,
0.3590

157.3015, 0.3206,
0.3477

■ 26.9277, 0.3267,
0.3632

194.9384, 0.3201,
0.3464

■ 17.5189, 0.3287,
0.3686

238.1454, 0.3196,
0.3453

■ 10.6052, 0.3315,
0.3761

287.3069, 0.3192,
0.3443

■ 5.8020, 0.3353,
0.3870

342.8075, 0.3188,

■ 2.7251, 0.3411,

0.3434

0.4043

405.0313, 0.3185,
0.3426

■ 0.9899, 0.3684,
0.4593

■ 0.0000, 0.0000,
0.0000

■ 73.9680, 0.3228,
0.3532

■ 73.9680, 0.3228,
0.3532

■ 72.0099, 0.3332,
0.3795

■ 76.1261, 0.3124,
0.3284

■ 70.2351, 0.3434,
0.4067


■ 78.4814, 0.3024,
0.3053


■ 68.6392, 0.3530,
0.4341


■ 79.9119, 0.3030,
0.2999

■ 67.2139, 0.3613,
0.4606


■ 81.0132, 0.3072,
0.3003


 65.9503, 0.3679,
0.4850


 82.1523, 0.3114,
0.3007

 64.8383, 0.3723,
0.5063

 82.8823, 0.3140,
0.3009

 63.8667, 0.3743,
0.5234

 63.0220, 0.3736,
0.5357

 62.2819, 0.3708,
0.5436

Harmonies

Analogous

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



73.9680, 0.3343, 0.3519



73.9680, 0.3228, 0.3532



73.9680, 0.3088, 0.3477

Triad

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



73.9680, 0.3228, 0.3532



73.9680, 0.2861, 0.3129



73.9680, 0.3295, 0.3212

Complementary

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



73.9680, 0.3228, 0.3532



62.4017, 0.3020, 0.3043

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.



73.9680, 0.3162, 0.3113



73.9680, 0.3228, 0.3532



73.9680, 0.2914, 0.3064

Square

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



73.9680, 0.3228, 0.3532



73.9680, 0.2878, 0.3240



73.9680, 0.3023, 0.3060



73.9680, 0.3382, 0.3332

Rectangle

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



73.9680, 0.3228, 0.3532



73.9680, 0.2999, 0.3409



73.9680, 0.3023, 0.3060



73.9680, 0.3254, 0.3175

Sweetspot

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



73.9712, 0.3228, 0.3532



99.1192, 0.3158, 0.3363



66.5694, 0.3291, 0.3355



21.1661, 0.3167, 0.3383



0.0000, 0.0000, 0.0000



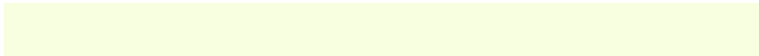
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9712, 0.3228, 0.3532



96.6183, 0.3253, 0.3593



72.3406, 0.3151, 0.3538



15.8297, 0.3225, 0.3525



35.5767, 0.3715, 0.5432



2.5098, 0.3792, 0.5371

Inverse Universe

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



62.4017, 0.3020, 0.3043



78.0428, 0.2992, 0.2979



64.0416, 0.3100, 0.3049



13.4253, 0.3023, 0.3051



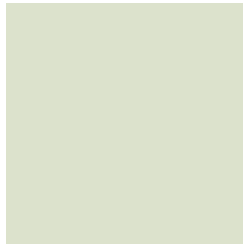
3.7735, 0.1676, 0.0697



0.3055, 0.1838, 0.0786

Previews

White Background



This preview shows how the Yxy color 73.9680, 0.3228, 0.3532 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 73.9680, 0.3228, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

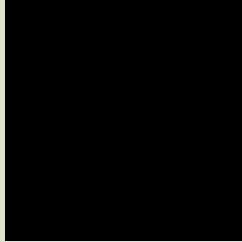
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

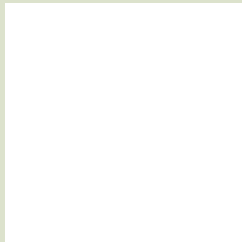
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9680, 0.3228, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 73.9680, 0.3228, 0.3532.



This preview shows how white text looks on a background with the Yxy color 73.9680, 0.3228, 0.3532.

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

73.9680, 0.3228, 0.3532

Protanopia

73.6626, 0.3334, 0.3506

Deuteranopia

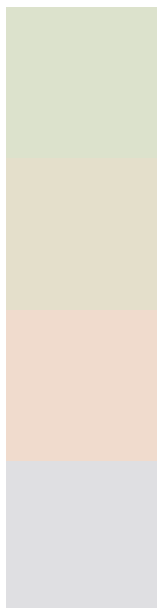
73.5663, 0.3460, 0.3384



Tritanopia

73.8935, 0.3045, 0.3110

Trichromacy



Original Color

73.9680, 0.3228, 0.3532

Protanomaly

73.5811, 0.3297, 0.3507

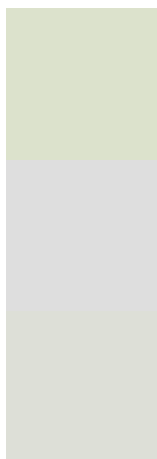
Deuteranomaly

73.5961, 0.3377, 0.3439

Tritanomaly

73.9543, 0.3108, 0.3258

Monochromacy



Original Color

73.9680, 0.3228, 0.3532

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0538, 0.3165, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9680, 0.3228, 0.3532 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(220, 226, 204)` looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 204)  
}
```

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(220, 226, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.9680, 0.3228, 0.3532 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(220, 226, 204) }
```

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

```
.border{ border-color:rgb(220, 226, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 226, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 226, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 226, 204); box-shadow:4px 4px 4px 4px rgb(220, 226, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9680, 0.3228, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 204) }
```

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

```
.background{ background-color: rgb(220,  
226, 204) }
```

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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