

Converting Colors

$Y_{xy}(72.1095, 0.3128, 0.3460)$

Have a look what the booklet for
Yxy(72.1095, 0.3128, 0.3460)
contains.

Yxy(72.3028, 0.3133, 0.3469)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3028, 0.3133, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	D3E1D1
RGB	211, 225, 209
RGB Percent	83%, 88%, 82%
CMY	0.1725, 0.1176, 0.1805
CMYK	0.06, 0.00, 0.07, 0.12
HSL	112°, 21%, 85%
HSV	112°, 7%, 88%
XYZ	65.2997, 72.3028, 70.8230
YIQ	218.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

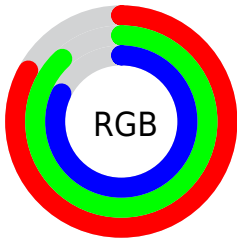
Format	Color
RYB	209, 225, 223
Decimal	13885905
CIELab	88.11, -7.58, 6.22
CIELCh	88, 9.802, 140.616
Yxy	72.3028, 0.3133, 0.3469
Android (android.graphics.Color)	4292075985 (0xFFD3E1D1)
YUV	218.9900, -4.9251, -7.0072
Hunter-Lab	85.0311, -11.7250, 10.1387

Details

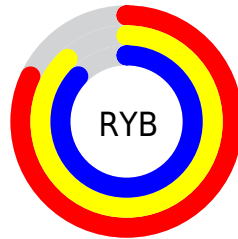
The Yxy color **72.3028, 0.3133, 0.3469** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7108, 0.3120, 0.3116**, and the grayscale version is **70.8705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1839, 0.3126, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **68.5431, 0.3140, 0.3748**, and if you desaturate by 10%, it is **76.5805, 0.3125, 0.3222**.

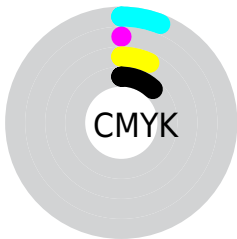
Distribution



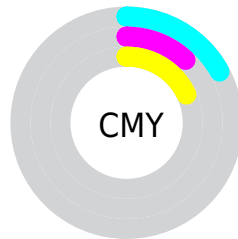
- Red (83%)
- Green (88%)
- Blue (82%)



- Red (82%)
- Yellow (88%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3028, 0.3133, 0.3469 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 72.3028, 0.3133, 0.3469 by changing the saturation by 10% instead.

■ 72.3028, 0.3133,
0.3469

■ 72.3028, 0.3133,
0.3469

468.5949, 0.3131,
0.3385

■ 53.4061, 0.3133,
0.3488

122.4869, 0.3132,
0.3440

■ 38.1270, 0.3134,
0.3513

154.5431, 0.3132,
0.3428

■ 26.0813, 0.3134,
0.3544

191.7546, 0.3132,
0.3419

■ 16.8845, 0.3135,
0.3585

234.5057, 0.3132,
0.3410

■ 10.1522, 0.3135,
0.3642

283.1809, 0.3131,
0.3403

■ 5.5000, 0.3134,
0.3725

338.1646, 0.3131,

■ 2.5435, 0.3132,

0.3396

0.3861

399.8411, 0.3131,
0.3390

0.8983, 0.3169,
0.4257

0.0000, 0.0000,
0.0000

72.3028, 0.3133,
0.3469

72.3028, 0.3133,
0.3469

68.5431, 0.3140,
0.3748

76.5805, 0.3125,
0.3222

65.2728, 0.3144,
0.4057

81.3851, 0.3115,
0.3006

62.4744, 0.3144,
0.4390

82.3316, 0.3141,
0.2999

60.1261, 0.3139,
0.4737

■ 58.2042, 0.3129,
0.5080

■ 56.6827, 0.3112,
0.5395

■ 55.5329, 0.3089,
0.5657

■ 54.7220, 0.3062,
0.5846

■ 54.2105, 0.3035,
0.5955

Harmonies

Analogous

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



72.3028, 0.3248, 0.3498



72.3028, 0.3133, 0.3469



72.3028, 0.3018, 0.3389

Triad

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



72.3028, 0.3133, 0.3469



72.3028, 0.2925, 0.3111



72.3028, 0.3325, 0.3293

Complementary

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



72.3028, 0.3133, 0.3469



66.7108, 0.3120, 0.3116

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.



72.3028, 0.3236, 0.3193



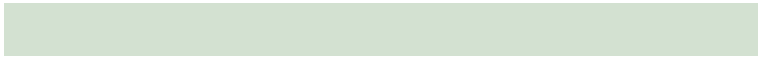
72.3028, 0.3133, 0.3469



72.3028, 0.3005, 0.3089

Square

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



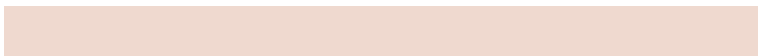
72.3028, 0.3133, 0.3469



72.3028, 0.2899, 0.3181



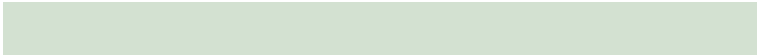
72.3028, 0.3118, 0.3120



72.3028, 0.3361, 0.3393

Rectangle

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



72.3028, 0.3133, 0.3469



72.3028, 0.2956, 0.3319



72.3028, 0.3118, 0.3120



72.3028, 0.3300, 0.3258

Sweetspot

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



72.3059, 0.3133, 0.3469



98.8413, 0.3129, 0.3339



73.3143, 0.3234, 0.3441



21.1683, 0.3129, 0.3337



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.



72.3059, 0.3133, 0.3469



95.0059, 0.3134, 0.3521



72.3032, 0.3081, 0.3403



15.4203, 0.3135, 0.3531



31.2059, 0.3034, 0.5973



2.1907, 0.3111, 0.5912

Inverse Universe

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



66.7108, 0.3120, 0.3116



85.6720, 0.3118, 0.3067



66.7212, 0.3176, 0.3180



13.8426, 0.3118, 0.3058



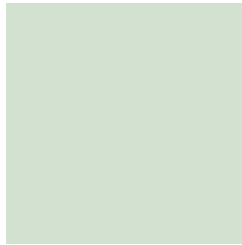
9.9608, 0.2891, 0.1366



0.7155, 0.2943, 0.1395

Previews

White Background



This preview shows how the Yxy color 72.3028, 0.3133, 0.3469 looks on a white background.

Color Contrast Check

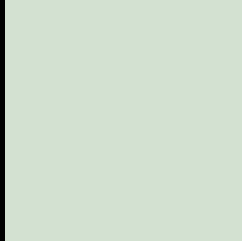
Large Text (above 18pt) WCAG AA × Fail

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 72.3028, 0.3133, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

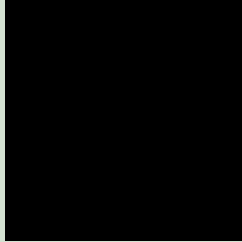
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

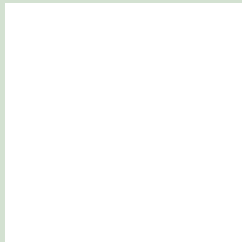
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3028, 0.3133, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 72.3028, 0.3133, 0.3469.

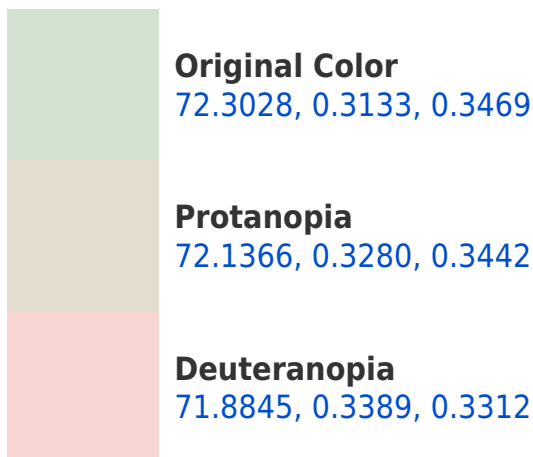


This preview shows how white text looks on a background with the Yxy color 72.3028, 0.3133, 0.3469.

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

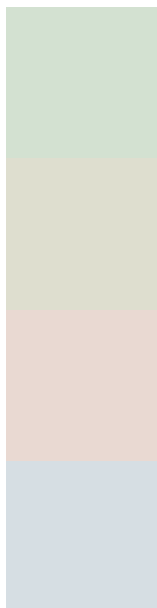




Tritanopia

72.4849, 0.2984, 0.3107

Trichromacy



Original Color

72.3028, 0.3133, 0.3469

Protanomaly

72.2771, 0.3227, 0.3455

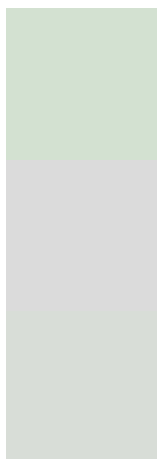
Deuteranomaly

71.6025, 0.3293, 0.3366

Tritanomaly

72.0847, 0.3039, 0.3235

Monochromacy



Original Color

72.3028, 0.3133, 0.3469

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2181, 0.3131, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3028, 0.3133, 0.3469 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(211, 225, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 225, 209)  
}
```

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(211, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 225, 209) }
```

Border

The CSS property to change the border of an element to Yxy 72.3028, 0.3133, 0.3469 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(211, 225, 209) }
```

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

```
.border{ border-color:rgb(211, 225, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 225, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 225,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3028, 0.3133, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 225, 209) }
```

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

```
.background{ background-color: rgb(211,  
225, 209) }
```

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