

Converting Colors

Yxy(73.1279, 0.3131, 0.3473)

Have a look what the booklet for
Yxy(73.1279, 0.3131, 0.3473)
contains.

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Color

Yxy(73.0429, 0.3133, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	D4E2D2
RGB	212, 226, 210
RGB Percent	83%, 89%, 82%
CMY	0.1685, 0.1137, 0.1765
CMYK	0.06, 0.00, 0.07, 0.11
HSL	112°, 22%, 85%
HSV	112°, 7%, 89%
XYZ	65.9871, 73.0429, 71.5896
YIQ	219.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

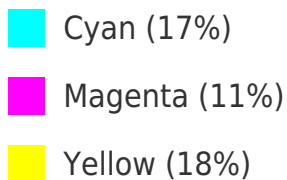
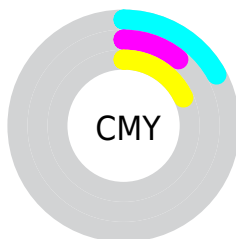
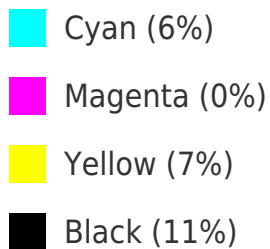
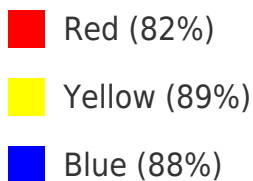
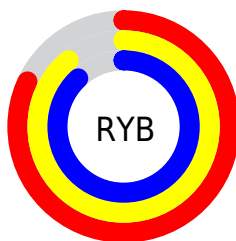
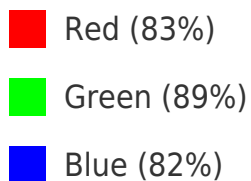
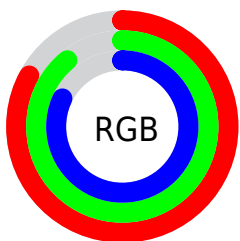
Format	Color
R _Y B	210, 226, 224
Decimal	13951698
CIELab	88.47, -7.56, 6.21
CIElCh	88, 9.781, 140.611
Yxy	73.0429, 0.3133, 0.3468
Android (android.graphics.Color)	4292141778 (0xFFD4E2D2)
YUV	219.9900, -4.9251, -7.0072
Hunter-Lab	85.4651, -11.7452, 10.1615

Details

The Yxy color $73.0429, 0.3133, 0.3468$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.4223, 0.3120, 0.3117$, and the grayscale version is $71.6046, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.6942, 0.3126, 0.3509$ is the 20% darker color. If you saturate the color by 10%, you get $69.2434, 0.3140, 0.3747$, and if you desaturate by 10%, it is $77.3657, 0.3125, 0.3221$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0429, 0.3133, 0.3468 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 73.0429, 0.3133, 0.3468 by changing the saturation by 10% instead.


 73.0429, 0.3133,
0.3468

 73.0429, 0.3133,
0.3468


471.1635, 0.3131,
0.3385

 54.0110, 0.3133,
0.3487


123.5381, 0.3132,
0.3439

 38.6105, 0.3134,
0.3511


155.7703, 0.3132,
0.3428

 26.4568, 0.3134,
0.3542


193.1713, 0.3132,
0.3418

 17.1657, 0.3135,
0.3582

236.1256, 0.3132,
0.3410

 10.3527, 0.3135,
0.3638

285.0176, 0.3131,
0.3402

 5.6334, 0.3134,
0.3721


340.2316, 0.3131,


 2.6235, 0.3132,


0.3396


0.3854


402.1521, 0.3131,
0.3390


 0.9385, 0.3166,
0.4205

 0.0000, 0.0000,
0.0000


 73.0429, 0.3133,
0.3468


 73.0429, 0.3133,
0.3468


 69.2434, 0.3140,
0.3747

 77.3657, 0.3125,
0.3221


 65.9383, 0.3144,
0.4056

 82.2083, 0.3116,
0.3007


 63.1100, 0.3144,
0.4389


 82.8709, 0.3140,
0.3009


 60.7365, 0.3139,
0.4736

 58.7937, 0.3129,
0.5079

 57.2554, 0.3112,
0.5394

 56.0928, 0.3089,
0.5657

 55.2726, 0.3063,
0.5846

 54.7550, 0.3035,
0.5955

Harmonies

Analogous

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



73.0429, 0.3248, 0.3497



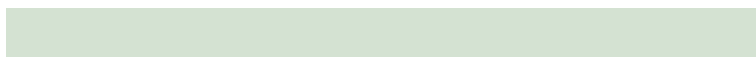
73.0429, 0.3133, 0.3468



73.0429, 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.



73.0429, 0.3133, 0.3468



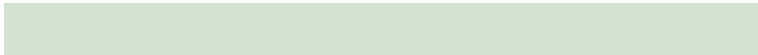
73.0429, 0.2926, 0.3112



73.0429, 0.3324, 0.3293

Complementary

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



73.0429, 0.3133, 0.3468



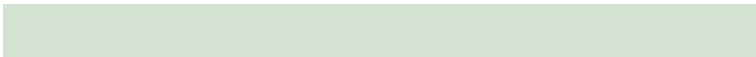
67.4223, 0.3120, 0.3117

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.



73.0429, 0.3235, 0.3194



73.0429, 0.3133, 0.3468



73.0429, 0.3005, 0.3090

Square

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



73.0429, 0.3133, 0.3468



73.0429, 0.2900, 0.3181



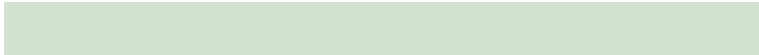
73.0429, 0.3118, 0.3121



73.0429, 0.3360, 0.3392

Rectangle

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



73.0429, 0.3133, 0.3468



73.0429, 0.2957, 0.3319



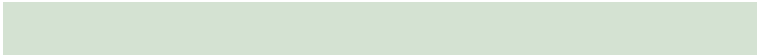
73.0429, 0.3118, 0.3121



73.0429, 0.3299, 0.3258

Sweetspot

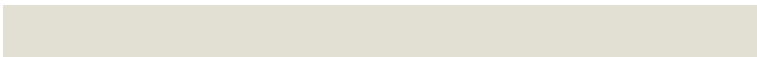
The Sweet Spot groups the original color and five complimentary colors.



73.0460, 0.3133, 0.3468



98.8416, 0.3129, 0.3339



74.0589, 0.3234, 0.3440



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.



73.0460, 0.3133, 0.3468



95.5340, 0.3134, 0.3494



73.0427, 0.3081, 0.3402



15.4205, 0.3135, 0.3531



31.2065, 0.3035, 0.5973



2.1907, 0.3111, 0.5912

Inverse Universe

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



67.4223, 0.3120, 0.3117



87.1781, 0.3119, 0.3092



67.4334, 0.3176, 0.3180



13.8424, 0.3118, 0.3058



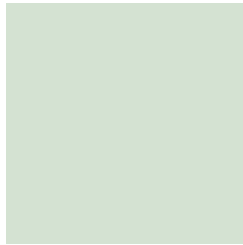
9.9563, 0.2891, 0.1366



0.7152, 0.2943, 0.1395

Previews

White Background



This preview shows how the Yxy color 73.0429, 0.3133, 0.3468 looks on a white background.

Color Contrast Check

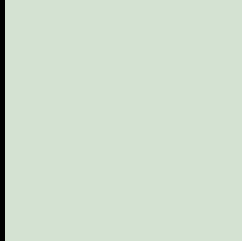
Large Text (above 18pt) WCAG AA × Fail

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 73.0429, 0.3133, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

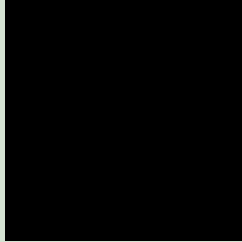
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

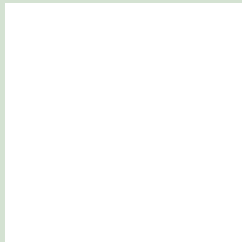
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0429, 0.3133, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 73.0429, 0.3133, 0.3468.

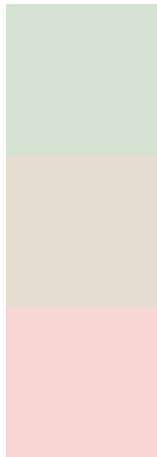


This preview shows how white text looks on a background with the Yxy color 73.0429, 0.3133, 0.3468.

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

73.0429, 0.3133, 0.3468

Protanopia

72.8759, 0.3279, 0.3442

Deuteranopia

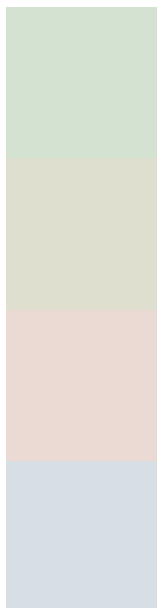
72.6208, 0.3388, 0.3312



Tritanopia

73.2263, 0.2984, 0.3108

Trichromacy



Original Color

73.0429, 0.3133, 0.3468

Protanomaly

73.0174, 0.3226, 0.3454

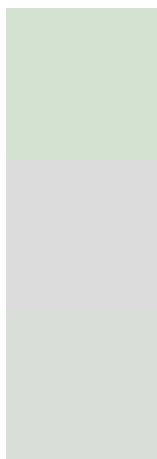
Deuteranomaly

72.3384, 0.3292, 0.3365

Tritanomaly

72.8239, 0.3039, 0.3235

Monochromacy



Original Color

73.0429, 0.3133, 0.3468

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9521, 0.3131, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0429, 0.3133, 0.3468 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(212, 226, 210)` looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 210)  
}
```

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(212, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 210) }
```

Border

The CSS property to change the border of an element to Yxy 73.0429, 0.3133, 0.3468 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(212, 226, 210) }
```

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

```
.border{ border-color:rgb(212, 226, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0429, 0.3133, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 210) }
```

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

```
.background{ background-color: rgb(212,  
226, 210) }
```

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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