

Converting Colors

$Yxy(73.8134, 0.3134, 0.3467)$

Have a look what the booklet for
Yxy(73.8134, 0.3134, 0.3467)
contains.

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Color

Yxy(73.7875, 0.3133, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	D5E3D3
RGB	213, 227, 211
RGB Percent	84%, 89%, 83%
CMY	0.1645, 0.1098, 0.1725
CMYK	0.06, 0.00, 0.07, 0.11
HSL	112°, 22%, 86%
HSV	112°, 7%, 89%
XYZ	66.6790, 73.7875, 72.3616
YIQ	220.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

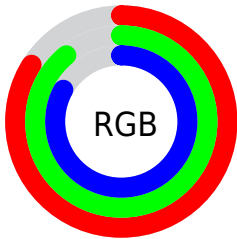
Format	Color
R_{YB}	211, 227, 225
Decimal	14017491
CIE Lab	88.82, -7.54, 6.19
CIE LCh	89, 9.759, 140.605
Yxy	73.7875, 0.3133, 0.3467
Android (android.graphics.Color)	4292207571 (0xFFD5E3D3)
YUV	220.9900, -4.9251, -7.0072
Hunter-Lab	85.8997, -11.7649, 10.1841

Details

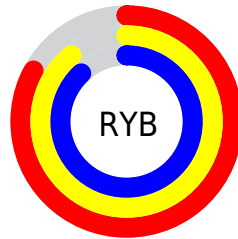
The Yxy color **73.7875, 0.3133, 0.3467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1386, 0.3120, 0.3118**, and the grayscale version is **72.3432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2085, 0.3126, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **69.9479, 0.3140, 0.3746**, and if you desaturate by 10%, it is **78.1557, 0.3125, 0.3220**.

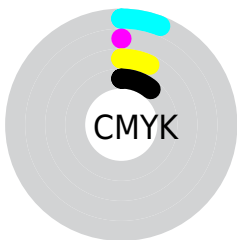
Distribution



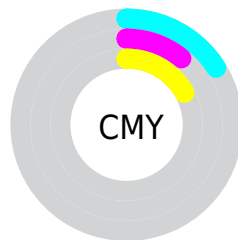
- Red (84%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7875, 0.3133, 0.3467 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 73.7875, 0.3133, 0.3467 by changing the saturation by 10% instead.

73.7875, 0.3133,
0.3467

73.7875, 0.3133,
0.3467

473.7396, 0.3131,
0.3384

54.6201, 0.3133,
0.3486

124.5945, 0.3132,
0.3438

39.0977, 0.3134,
0.3510

157.0030, 0.3132,
0.3427

26.8357, 0.3134,
0.3540

194.5939, 0.3132,
0.3417

17.4499, 0.3135,
0.3580

237.7517, 0.3132,
0.3409

10.5558, 0.3135,
0.3635

286.8608, 0.3131,
0.3402

5.7690, 0.3134,
0.3716

342.3056, 0.3131,

2.7051, 0.3132,

0.3395

0.3847

404.4704, 0.3131,
0.3389

0.9798, 0.3161,
0.4162

0.0000, 0.0000,
0.0000

73.7875, 0.3133,
0.3467

73.7875, 0.3133,
0.3467

69.9479, 0.3140,
0.3746

78.1557, 0.3125,
0.3220

66.6079, 0.3144,
0.4055

82.9706, 0.3124,
0.3018

63.7495, 0.3144,
0.4388

83.4133, 0.3140,
0.3019

61.3505, 0.3140,
0.4735

■ 59.3867, 0.3129,
0.5078

■ 57.8316, 0.3112,
0.5393

■ 56.6560, 0.3089,
0.5656

■ 55.8264, 0.3063,
0.5846

■ 55.3027, 0.3035,
0.5954

Harmonies

Analogous

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



73.7875, 0.3247, 0.3495



73.7875, 0.3133, 0.3467



73.7875, 0.3019, 0.3388

Triad

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



73.7875, 0.3133, 0.3467



73.7875, 0.2927, 0.3113



73.7875, 0.3323, 0.3292

Complementary

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



73.7875, 0.3133, 0.3467



68.1386, 0.3120, 0.3118

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.



73.7875, 0.3235, 0.3194



73.7875, 0.3133, 0.3467



73.7875, 0.3006, 0.3091

Square

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



73.7875, 0.3133, 0.3467



73.7875, 0.2902, 0.3182



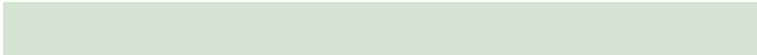
73.7875, 0.3118, 0.3122



73.7875, 0.3358, 0.3392

Rectangle

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



73.7875, 0.3133, 0.3467



73.7875, 0.2958, 0.3319



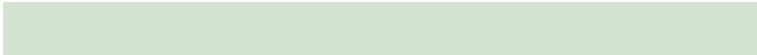
73.7875, 0.3118, 0.3122



73.7875, 0.3298, 0.3258

Sweetspot

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



73.7907, 0.3133, 0.3467



98.8418, 0.3129, 0.3339



74.8080, 0.3233, 0.3439



21.1684, 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.



73.7907, 0.3133, 0.3467



95.5349, 0.3134, 0.3494



73.7866, 0.3082, 0.3402



16.1769, 0.3135, 0.3532



32.2199, 0.3034, 0.5973



2.4097, 0.3106, 0.5916

Inverse Universe

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



68.1386, 0.3120, 0.3118



87.1771, 0.3119, 0.3092



68.1504, 0.3176, 0.3181



14.5170, 0.3118, 0.3057



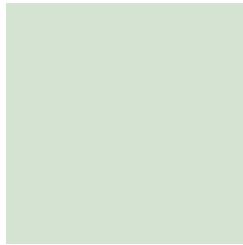
10.2730, 0.2890, 0.1365



0.7853, 0.2939, 0.1393

Previews

White Background



This preview shows how the Yxy color 73.7875, 0.3133, 0.3467 looks on a white background.

Color Contrast Check

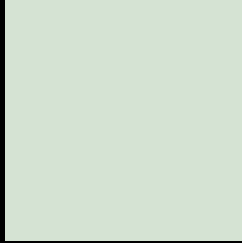
Large Text (above 18pt) WCAG AA × Fail

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 73.7875, 0.3133, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

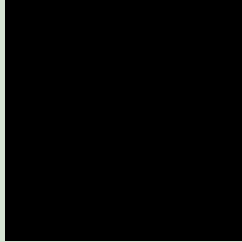
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

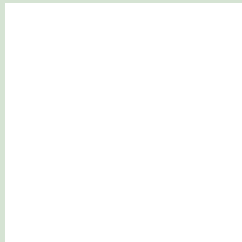
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7875, 0.3133, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 73.7875, 0.3133, 0.3467.

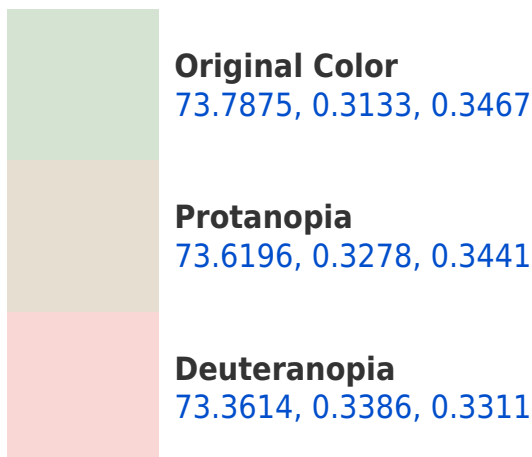


This preview shows how white text looks on a background with the Yxy color 73.7875, 0.3133, 0.3467.

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

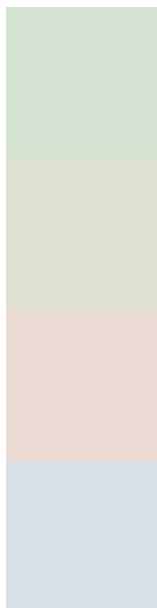




Tritanopia

73.9720, 0.2985, 0.3108

Trichromacy



Original Color

73.7875, 0.3133, 0.3467

Protanomaly

73.7621, 0.3226, 0.3453

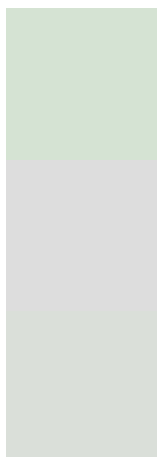
Deuteranomaly

73.0787, 0.3291, 0.3365

Tritanomaly

73.5674, 0.3040, 0.3236

Monochromacy



Original Color

73.7875, 0.3133, 0.3467

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6905, 0.3131, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7875, 0.3133, 0.3467 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(213, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 211)  
}
```

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(213, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 211) }
```

Border

The CSS property to change the border of an element to Yxy 73.7875, 0.3133, 0.3467 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(213, 227, 211) }
```

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

```
.border{ border-color:rgb(213, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 227,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7875, 0.3133, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 211) }
```

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

```
.background{ background-color: rgb(213,  
227, 211) }
```

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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