

Converting Colors

$Yxy(73.6413, 0.3158, 0.3377)$

Have a look what the booklet for
Yxy(73.6413, 0.3158, 0.3377)
contains.

Yxy(73.6413, 0.3158, 0.3377)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.6413, 0.3158, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	DDE0D8
RGB	221, 224, 216
RGB Percent	87%, 88%, 85%
CMY	0.1334, 0.1215, 0.1529
CMYK	0.01, 0.00, 0.04, 0.12
HSL	83°, 11%, 86%
HSV	83°, 4%, 88%
XYZ	68.8656, 73.6413, 75.5603
YIQ	222.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

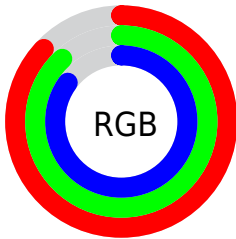
Format	Color
R _Y B	216, 224, 219
Decimal	14541016
CIE Lab	88.75, -2.44, 3.54
CIE LCh	89, 4.299, 124.571
Yxy	73.6413, 0.3158, 0.3377
Android (android.graphics.Color)	4292731096 (0xFFDDE0D8)
YUV	222.1910, -3.0522, -1.0445
Hunter-Lab	85.8145, -6.9302, 7.8649

Details

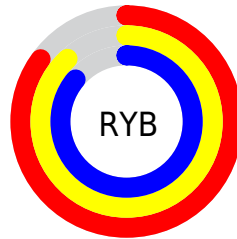
The Yxy color **73.6413, 0.3158, 0.3377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5699, 0.3096, 0.3203**, and the grayscale version is **73.2108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0561, 0.3168, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **71.2639, 0.3245, 0.3634**, and if you desaturate by 10%, it is **76.2504, 0.3072, 0.3140**.

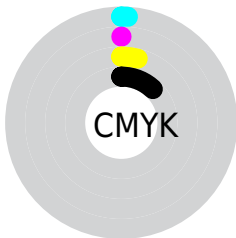
Distribution



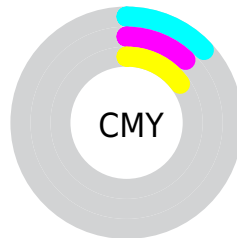
- Red (87%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6413, 0.3158, 0.3377 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 73.6413, 0.3158, 0.3377 by changing the saturation by 10% instead.

■ 73.6413, 0.3158,
0.3377

■ 73.6413, 0.3158,
0.3377

473.2345, 0.3144,
0.3337

■ 54.5005, 0.3161,
0.3386

124.3872, 0.3153,
0.3363

■ 39.0020, 0.3165,
0.3398

156.7611, 0.3151,
0.3358

■ 26.7612, 0.3170,
0.3412

194.3148, 0.3150,
0.3353

■ 17.3940, 0.3177,
0.3431

237.4327, 0.3148,
0.3349

■ 10.5158, 0.3185,
0.3458

286.4992, 0.3147,
0.3345

■ 5.7423, 0.3198,
0.3496

341.8988, 0.3146,

■ 2.6890, 0.3218,

0.3342

0.3556

404.0157, 0.3145,
0.3339

■ 0.9716, 0.3263,
0.3679

■ 0.0000, 0.0000,
0.0000

■ 73.6413, 0.3158,
0.3377

■ 73.6413, 0.3158,
0.3377

■ 71.2639, 0.3245,
0.3634

■ 76.2504, 0.3072,
0.3140

■ 69.1015, 0.3331,
0.3906

■ 78.7083, 0.3026,
0.2979

■ 67.1494, 0.3413,
0.4189

■ 80.2131, 0.3083,
0.2984

■ 65.3992, 0.3486,
0.4474

■ 81.7882, 0.3141,
0.2989

■ 63.8420, 0.3545,
0.4751

■ 81.7969, 0.3141,
0.2990

■ 62.4680, 0.3585,
0.5005

■ 61.2663, 0.3603,
0.5224

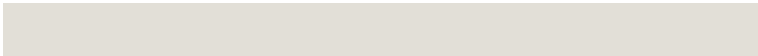
■ 60.2243, 0.3596,
0.5396

■ 59.3273, 0.3565,
0.5518

Harmonies

Analogous

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



73.6413, 0.3202, 0.3377



73.6413, 0.3158, 0.3377



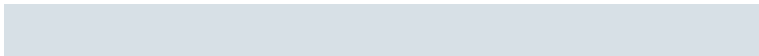
73.6413, 0.3106, 0.3354

Triad

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



73.6413, 0.3158, 0.3377



73.6413, 0.3029, 0.3226



73.6413, 0.3195, 0.3268

Complementary

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



73.6413, 0.3158, 0.3377



69.5699, 0.3096, 0.3203

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.



73.6413, 0.3148, 0.3228



73.6413, 0.3158, 0.3377



73.6413, 0.3053, 0.3204

Square

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



73.6413, 0.3158, 0.3377



73.6413, 0.3032, 0.3266



73.6413, 0.3096, 0.3205



73.6413, 0.3224, 0.3313

Rectangle

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



73.6413, 0.3158, 0.3377



73.6413, 0.3074, 0.3328



73.6413, 0.3096, 0.3205



73.6413, 0.3181, 0.3253

Sweetspot

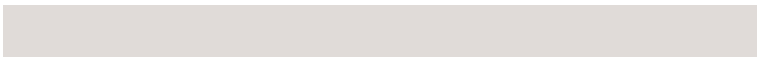
The Sweet Spot groups the original color and five complimentary colors.



73.6445, 0.3158, 0.3377



99.6539, 0.3136, 0.3314



71.4433, 0.3183, 0.3322



21.3337, 0.3135, 0.3313



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.



73.6445, 0.3158, 0.3377



98.6342, 0.3162, 0.3388



73.0399, 0.3131, 0.3378



16.0051, 0.3168, 0.3406



34.2972, 0.3546, 0.5566



2.4281, 0.3646, 0.5487

Inverse Universe

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



69.5699, 0.3096, 0.3203



92.4826, 0.3091, 0.3191



70.1816, 0.3124, 0.3203



14.8377, 0.3085, 0.3174



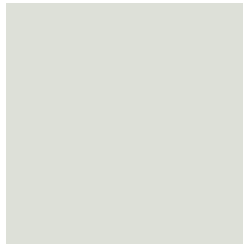
4.3159, 0.1815, 0.0774



0.3493, 0.1989, 0.0869

Previews

White Background



This preview shows how the Yxy color 73.6413, 0.3158, 0.3377 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 73.6413, 0.3158, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

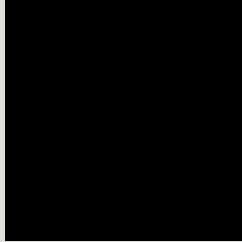
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

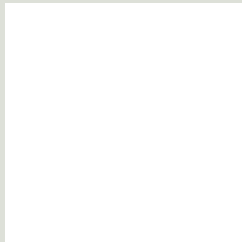
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6413, 0.3158, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 73.6413, 0.3158, 0.3377.

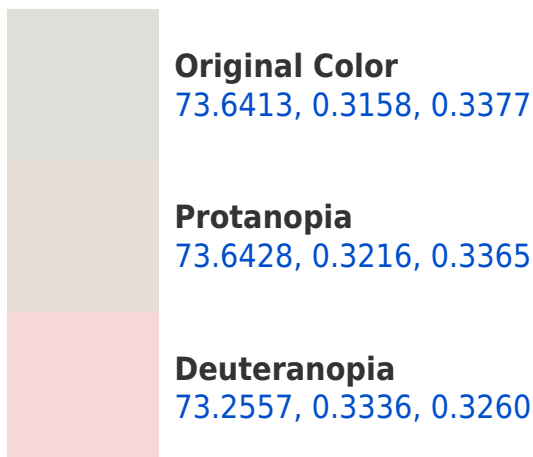


This preview shows how white text looks on a background with the Yxy color 73.6413, 0.3158, 0.3377.

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

73.7332, 0.3038, 0.3110

Trichromacy



Original Color

73.6413, 0.3158, 0.3377

Protanomaly

73.6892, 0.3194, 0.3377

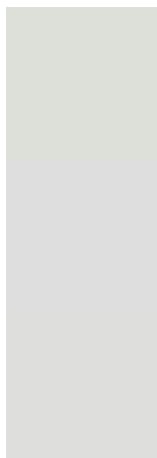
Deuteranomaly

73.1571, 0.3272, 0.3301

Tritanomaly

73.6437, 0.3082, 0.3204

Monochromacy



Original Color

73.6413, 0.3158, 0.3377

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4723, 0.3140, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6413, 0.3158, 0.3377 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(221, 224, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 216)  
}
```

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(221, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 216) }
```

Border

The CSS property to change the border of an element to Yxy 73.6413, 0.3158, 0.3377 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(221, 224, 216) }
```

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

```
.border{ border-color:rgb(221, 224, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6413, 0.3158, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 216) }
```

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

```
.background{ background-color: rgb(221,  
224, 216) }
```

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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