

Converting Colors

$Yxy(75.4297, 0.3139, 0.3382)$

Have a look what the booklet for
Yxy(75.4297, 0.3139, 0.3382)
contains.

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Color

Yxy(75.4248, 0.3137, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	DDE3DB
RGB	221, 227, 219
RGB Percent	87%, 89%, 86%
CMY	0.1332, 0.1098, 0.1410
CMYK	0.03, 0.00, 0.04, 0.11
HSL	105°, 12%, 87%
HSV	105°, 4%, 89%
XYZ	70.0852, 75.4248, 77.9047
YIQ	224.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

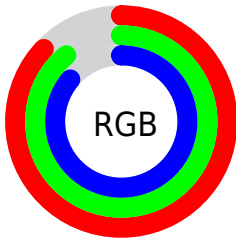
Format	Color
R _Y B	219, 227, 225
Decimal	14541787
CIE Lab	89.59, -3.42, 3.17
CIE LCh	90, 4.665, 137.140
Yxy	75.4248, 0.3137, 0.3376
Android (android.graphics.Color)	4292731867 (0xFFDDE3DB)
YUV	224.2940, -2.6099, -2.8888
Hunter-Lab	86.8475, -7.9350, 7.6084

Details

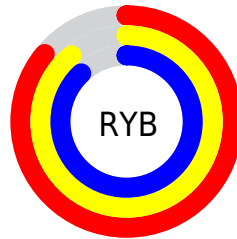
The Yxy color **75.4248, 0.3137, 0.3376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2325, 0.3117, 0.3205**, and the grayscale version is **74.7887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2924, 0.3140, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **71.7786, 0.3164, 0.3641**, and if you desaturate by 10%, it is **79.5104, 0.3109, 0.3140**.

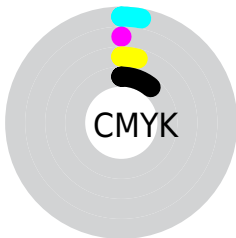
Distribution



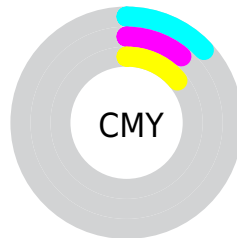
- Red (87%)
- Green (89%)
- Blue (86%)



- Red (86%)
- Yellow (89%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4248, 0.3137, 0.3376 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 75.4248, 0.3137, 0.3376 by changing the saturation by 10% instead.

■ 75.4248, 0.3137,
0.3376

■ 75.4248, 0.3137,
0.3376

479.3764, 0.3133,
0.3336

■ 55.9610, 0.3138,
0.3385

126.9135, 0.3136,
0.3362

■ 40.1716, 0.3139,
0.3396

159.7072, 0.3135,
0.3357

■ 27.6724, 0.3141,
0.3411

197.7129, 0.3134,
0.3352

■ 18.0788, 0.3143,
0.3429

241.3151, 0.3134,
0.3348

■ 11.0066, 0.3145,
0.3455

290.8981, 0.3134,
0.3345

■ 6.0713, 0.3149,
0.3492

346.8465, 0.3133,

■ 2.8885, 0.3154,

0.3342

409.5444, 0.3133,
0.3339

0.3550

1.0738, 0.3162,
0.3656

0.0000, 0.0000,
0.0000

75.4248, 0.3137,
0.3376

75.4248, 0.3137,
0.3376

71.7786, 0.3164,
0.3641

79.5104, 0.3109,
0.3140

68.5476, 0.3189,
0.3933

83.4140, 0.3140,
0.3019

65.7196, 0.3209,
0.4249

63.2784, 0.3223,
0.4579

■ 61.2064, 0.3227,
0.4911

■ 59.4847, 0.3219,
0.5226

■ 58.0926, 0.3199,
0.5501

■ 57.0070, 0.3166,
0.5718

■ 56.2012, 0.3124,
0.5863

Harmonies

Analogous

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



75.4248, 0.3190, 0.3387



75.4248, 0.3137, 0.3376



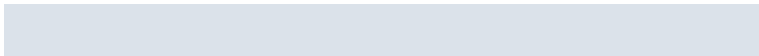
75.4248, 0.3082, 0.3342

Triad

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



75.4248, 0.3137, 0.3376



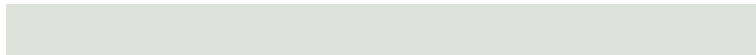
75.4248, 0.3029, 0.3209



75.4248, 0.3216, 0.3286

Complementary

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



75.4248, 0.3137, 0.3376



72.2325, 0.3117, 0.3205

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.



75.4248, 0.3172, 0.3240



75.4248, 0.3137, 0.3376



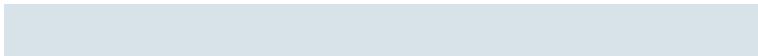
75.4248, 0.3064, 0.3195

Square

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



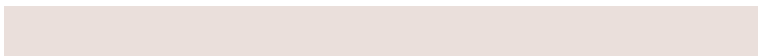
75.4248, 0.3137, 0.3376



75.4248, 0.3020, 0.3245



75.4248, 0.3117, 0.3206



75.4248, 0.3236, 0.3334

Rectangle

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



75.4248, 0.3137, 0.3376



75.4248, 0.3051, 0.3310



75.4248, 0.3117, 0.3206



75.4248, 0.3204, 0.3270

Sweetspot

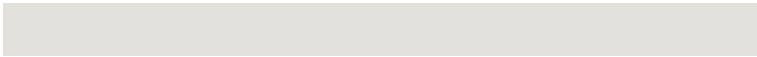
The Sweet Spot groups the original color and five complimentary colors.



75.4280, 0.3137, 0.3376



99.4766, 0.3130, 0.3314



75.2262, 0.3180, 0.3353



21.2976, 0.3130, 0.3313



0.0000, 0.0000, 0.0000



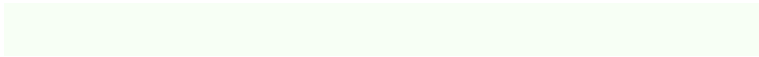
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4280, 0.3137, 0.3376



97.9410, 0.3138, 0.3389



75.2140, 0.3111, 0.3356



16.6532, 0.3140, 0.3407



32.5956, 0.3104, 0.5917



2.4519, 0.3207, 0.5836

Inverse Universe

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



72.2325, 0.3117, 0.3205



93.1806, 0.3115, 0.3192



72.4541, 0.3143, 0.3225



15.7031, 0.3113, 0.3174



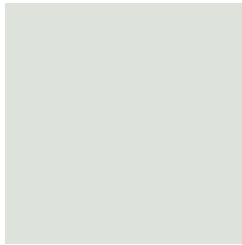
8.2705, 0.2582, 0.1196



0.6544, 0.2677, 0.1248

Previews

White Background



This preview shows how the Yxy color 75.4248, 0.3137, 0.3376 looks on a white background.

Color Contrast Check

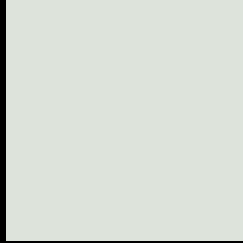
Large Text (above 18pt) WCAG AA × Fail

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 75.4248, 0.3137, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

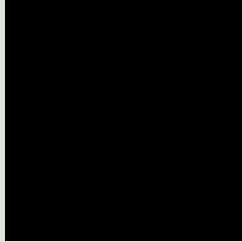
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

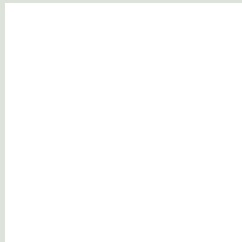
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4248, 0.3137, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 75.4248, 0.3137, 0.3376.

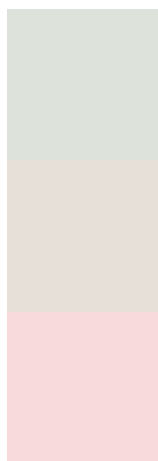


This preview shows how white text looks on a background with the Yxy color 75.4248, 0.3137, 0.3376.

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

75.4248, 0.3137, 0.3376

Protanopia

75.3100, 0.3223, 0.3365

Deuteranopia

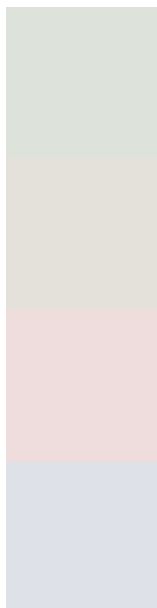
75.3197, 0.3325, 0.3260



Tritanopia

75.5095, 0.3019, 0.3111

Trichromacy



Original Color

75.4248, 0.3137, 0.3376

Protanomaly

75.2433, 0.3187, 0.3365

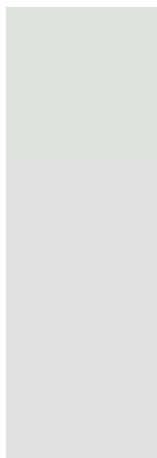
Deuteranomaly

75.0574, 0.3256, 0.3301

Tritanomaly

75.4216, 0.3062, 0.3205

Monochromacy



Original Color

75.4248, 0.3137, 0.3376

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8123, 0.3133, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4248, 0.3137, 0.3376 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, 227, 219)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 219)  
}
```

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, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 219) }
```

Border

The CSS property to change the border of an element to Yxy 75.4248, 0.3137, 0.3376 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, 227, 219) }
```

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

```
.border{ border-color:rgb(221, 227, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4248, 0.3137, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 219) }
```

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

```
.background{ background-color: rgb(221,  
227, 219) }
```

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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