

Converting Colors

$Yxy(73.5718, 0.3161, 0.3327)$

Have a look what the booklet for
Yxy(73.5718, 0.3161, 0.3327)
contains.

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Color

Yxy(73.7371, 0.3160, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E0DFDB
RGB	224, 223, 219
RGB Percent	88%, 87%, 86%
CMY	0.1217, 0.1254, 0.1411
CMYK	0.00, 0.00, 0.02, 0.12
HSL	48°, 7%, 87%
HSV	48°, 2%, 88%
XYZ	69.9098, 73.7371, 77.5866
YIQ	222.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

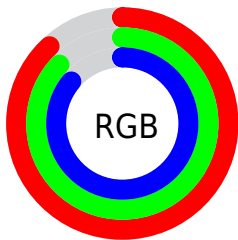
Format	Color
R _Y B	220, 224, 219
Decimal	14737371
CIE Lab	88.80, -0.38, 2.05
CIE LCh	89, 2.083, 100.414
Yxy	73.7371, 0.3160, 0.3333
Android (android.graphics.Color)	4292927451 (0xFFE0DFDB)
YUV	222.8430, -1.8946, 1.0147
Hunter-Lab	85.8703, -4.9505, 6.5388

Details

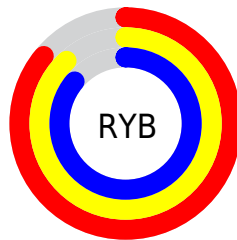
The Yxy color **73.7371, 0.3160, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6246, 0.3094, 0.3247**, and the grayscale version is **73.6873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1206, 0.3171, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **70.3516, 0.3316, 0.3534**, and if you desaturate by 10%, it is **77.3470, 0.3016, 0.3142**.

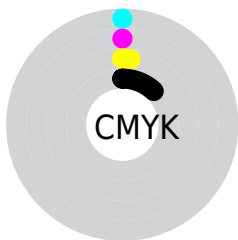
Distribution



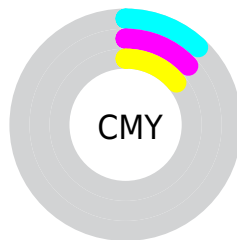
- Red (88%)
- Green (87%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7371, 0.3160, 0.3333 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 73.7371, 0.3160, 0.3333 by changing the saturation by 10% instead.

■ 73.7371, 0.3160,
0.3333

■ 73.7371, 0.3160,
0.3333

473.5655, 0.3145,
0.3313

■ 54.5789, 0.3163,
0.3338

124.5231, 0.3155,
0.3326

■ 39.0647, 0.3168,
0.3343

156.9196, 0.3153,
0.3323

■ 26.8100, 0.3173,
0.3350

194.4977, 0.3151,
0.3321

■ 17.4306, 0.3180,
0.3359

237.6418, 0.3149,
0.3319

■ 10.5420, 0.3190,
0.3372

286.7362, 0.3148,
0.3317

■ 5.7598, 0.3204,
0.3391

342.1654, 0.3147,

■ 2.6996, 0.3226,

0.3316

0.3420

404.3137, 0.3146,
0.3314

0.9770, 0.3266,
0.3473

0.0000, 0.0000,
0.0000

73.7371, 0.3160,
0.3333

73.7371, 0.3160,
0.3333

70.3516, 0.3316,
0.3534

77.3470, 0.3016,
0.3142

67.1743, 0.3483,
0.3742

80.5966, 0.2935,
0.3050

64.2010, 0.3657,
0.3950

83.0628, 0.2936,
0.3096

61.4243, 0.3834,
0.4152

85.5897, 0.2937,
0.3140

■ 58.8359, 0.4008,
0.4339

■ 88.1775, 0.2938,
0.3185

■ 56.4265, 0.4172,
0.4500

■ 90.8268, 0.2939,
0.3229

■ 54.1863, 0.4319,
0.4624

■ 93.5379, 0.2940,
0.3273

■ 52.1036, 0.4440,
0.4705

■ 94.5822, 0.2940,
0.3289

■ 50.1646, 0.4533,
0.4739

Harmonies

Analogous

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



73.7371, 0.3174, 0.3324



73.7371, 0.3160, 0.3333



73.7371, 0.3137, 0.3331

Triad

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



73.7371, 0.3160, 0.3333



73.7371, 0.3080, 0.3274



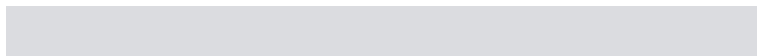
73.7371, 0.3142, 0.3263

Complementary

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



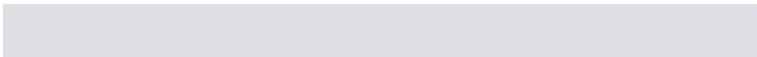
73.7371, 0.3160, 0.3333



71.6246, 0.3094, 0.3247

Split Complementary

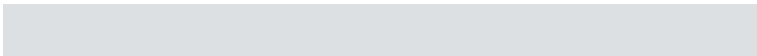
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7371, 0.3117, 0.3250



73.7371, 0.3160, 0.3333



73.7371, 0.3081, 0.3257

Square

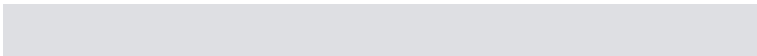
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7371, 0.3160, 0.3333



73.7371, 0.3091, 0.3297



73.7371, 0.3095, 0.3248



73.7371, 0.3164, 0.3284

Rectangle

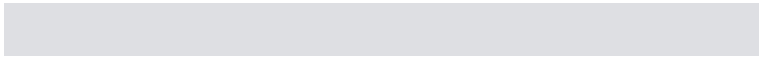
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



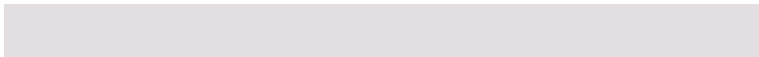
73.7371, 0.3160, 0.3333



73.7371, 0.3120, 0.3323



73.7371, 0.3095, 0.3248



73.7371, 0.3134, 0.3258

Sweetspot

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



73.7403, 0.3160, 0.3333



99.5223, 0.3142, 0.3310



71.6900, 0.3156, 0.3279



21.3069, 0.3141, 0.3309



0.0000, 0.0000, 0.0000



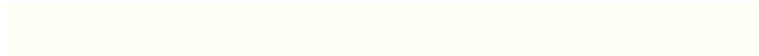
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7403, 0.3160, 0.3333



98.5760, 0.3172, 0.3349



74.0168, 0.3149, 0.3343



15.9758, 0.3184, 0.3364



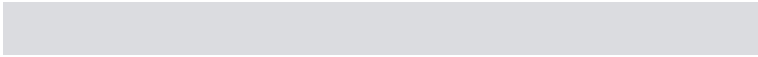
28.5392, 0.4581, 0.4745



2.0952, 0.4510, 0.4801

Inverse Universe

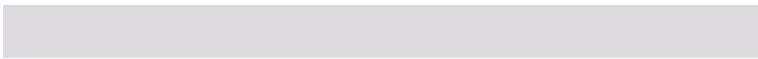
The Inverse Universe completely reimagines the original color for something new.



71.6246, 0.3094, 0.3247



94.7046, 0.3082, 0.3230



71.3553, 0.3105, 0.3236



15.1924, 0.3070, 0.3215



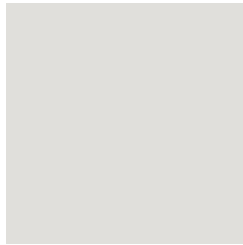
4.2798, 0.1553, 0.0791



0.4207, 0.1629, 0.1063

Previews

White Background



This preview shows how the Yxy color 73.7371, 0.3160, 0.3333 looks on a white background.

Color Contrast Check

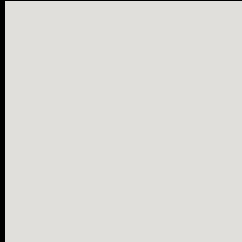
Large Text (above 18pt) WCAG AA × Fail

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 73.7371, 0.3160, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

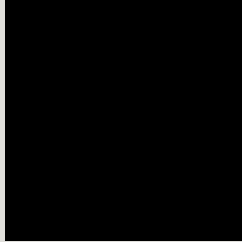
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

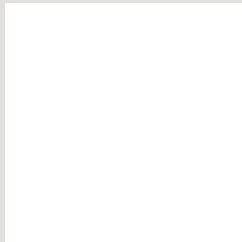
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7371, 0.3160, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 73.7371, 0.3160, 0.3333.

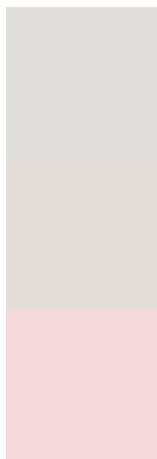


This preview shows how white text looks on a background with the Yxy color 73.7371, 0.3160, 0.3333.

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

73.7371, 0.3160, 0.3333

Protanopia

73.7985, 0.3196, 0.3333

Deuteranopia

73.6915, 0.3313, 0.3249



Tritanopia

73.6903, 0.3059, 0.3100

Trichromacy



Original Color

73.7371, 0.3160, 0.3333

Protanomaly

73.6354, 0.3189, 0.3333

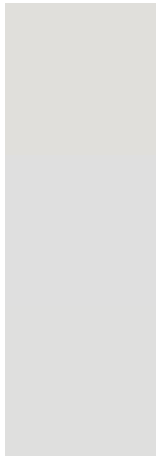
Deuteranomaly

73.8349, 0.3251, 0.3280

Tritanomaly

73.6512, 0.3097, 0.3184

Monochromacy



Original Color

73.7371, 0.3160, 0.3333

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7373, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7371, 0.3160, 0.3333 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(224, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 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(224, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 219) }
```

Border

The CSS property to change the border of an element to Yxy 73.7371, 0.3160, 0.3333 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(224, 223, 219) }
```

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

```
.border{ border-color:rgb(224, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7371, 0.3160, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 219) }
```

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

```
.background{ background-color: rgb(224,  
223, 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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