

Converting Colors

$Yxy(73.6213, 0.3167, 0.3356)$

Have a look what the booklet for
Yxy(73.6213, 0.3167, 0.3356)
contains.

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Color

Yxy(73.4731, 0.3167, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	DFDFD9
RGB	223, 223, 217
RGB Percent	87%, 87%, 85%
CMY	0.1253, 0.1255, 0.1490
CMYK	0.00, 0.00, 0.03, 0.13
HSL	59°, 9%, 86%
HSV	59°, 3%, 87%
XYZ	69.3560, 73.4731, 76.1667
YIQ	222.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

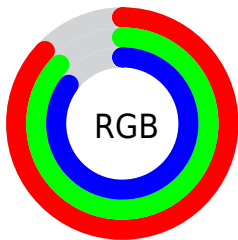
Format	Color
R _Y B	217, 223, 217
Decimal	14671833
CIE Lab	88.67, -1.03, 2.93
CIE LCh	89, 3.106, 109.402
Yxy	73.4731, 0.3167, 0.3355
Android (android.graphics.Color)	4292861913 (0xFFDFDFD9)
YUV	222.3160, -2.6208, 0.5999
Hunter-Lab	85.7165, -5.5736, 7.3170

Details

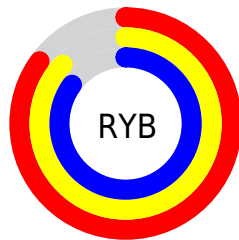
The Yxy color **73.4731, 0.3167, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7407, 0.3087, 0.3224**, and the grayscale version is **73.3068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9387, 0.3179, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **72.2545, 0.3317, 0.3600**, and if you desaturate by 10%, it is **74.8551, 0.3023, 0.3120**.

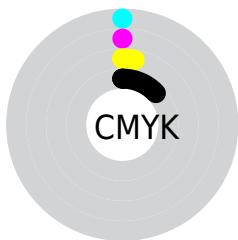
Distribution



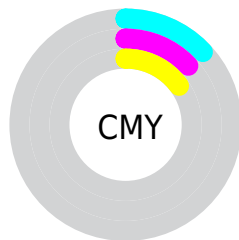
- Red (87%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4731, 0.3167, 0.3355 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 73.4731, 0.3167, 0.3355 by changing the saturation by 10% instead.

■ 73.4731, 0.3167,
0.3355

■ 73.4731, 0.3167,
0.3355

472.6529, 0.3149,
0.3325

■ 54.3629, 0.3171,
0.3362

124.1486, 0.3161,
0.3345

■ 38.8919, 0.3176,
0.3370

156.4827, 0.3158,
0.3341

■ 26.6756, 0.3183,
0.3381

193.9935, 0.3156,
0.3337

■ 17.3298, 0.3191,
0.3395

237.0655, 0.3154,
0.3334

■ 10.4699, 0.3203,
0.3415

286.0831, 0.3153,
0.3331

■ 5.7116, 0.3220,
0.3443

341.4305, 0.3151,

■ 2.6705, 0.3247,

0.3329

0.3487

403.4923, 0.3150,
0.3327

0.9622, 0.3301,
0.3576

0.0000, 0.0000,
0.0000

73.4731, 0.3167,
0.3355

73.4731, 0.3167,
0.3355

72.2545, 0.3317,
0.3600

74.8551, 0.3023,
0.3120

71.1837, 0.3470,
0.3849

75.9641, 0.2927,
0.2964

70.2570, 0.3622,
0.4095

76.1031, 0.2927,
0.2967

69.4673, 0.3766,
0.4329

76.2422, 0.2927,
0.2969

68.8068, 0.3898,
0.4541

76.3816, 0.2927,
0.2972

68.2671, 0.4010,
0.4721

76.5212, 0.2927,
0.2975

67.8384, 0.4100,
0.4863

76.6610, 0.2927,
0.2978

67.5097, 0.4163,
0.4961

76.8010, 0.2928,
0.2980

67.2677, 0.4199,
0.5016

76.9413, 0.2928,
0.2983

Harmonies

Analogous

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



73.4731, 0.3192, 0.3346



73.4731, 0.3167, 0.3355



73.4731, 0.3131, 0.3346

Triad

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



73.4731, 0.3167, 0.3355



73.4731, 0.3055, 0.3258



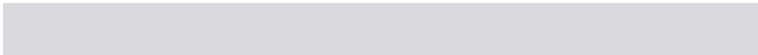
73.4731, 0.3160, 0.3258

Complementary

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



73.4731, 0.3167, 0.3355



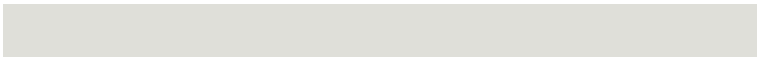
69.7407, 0.3087, 0.3224

Split Complementary

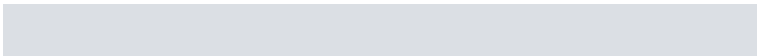
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4731, 0.3123, 0.3235



73.4731, 0.3167, 0.3355



73.4731, 0.3062, 0.3234

Square

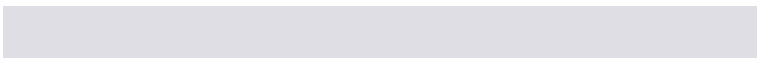
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



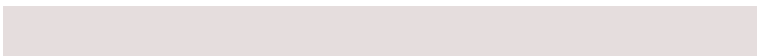
73.4731, 0.3167, 0.3355



73.4731, 0.3066, 0.3290



73.4731, 0.3087, 0.3226



73.4731, 0.3189, 0.3290

Rectangle

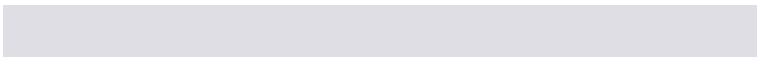
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



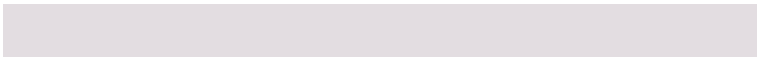
73.4731, 0.3167, 0.3355



73.4731, 0.3106, 0.3332



73.4731, 0.3087, 0.3226



73.4731, 0.3148, 0.3249

Sweetspot

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



73.4763, 0.3167, 0.3355



99.8179, 0.3142, 0.3314



70.3347, 0.3170, 0.3289



21.3671, 0.3141, 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.



73.4763, 0.3167, 0.3355



99.4604, 0.3171, 0.3362



73.0521, 0.3146, 0.3356



16.1555, 0.3183, 0.3381



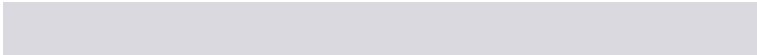
39.4603, 0.4213, 0.5037



2.7441, 0.4210, 0.5039

Inverse Universe

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



69.7407, 0.3087, 0.3224



93.8481, 0.3082, 0.3217



70.1576, 0.3108, 0.3224



15.0199, 0.3071, 0.3198



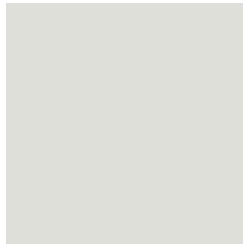
3.1770, 0.1502, 0.0608



0.2294, 0.1509, 0.0630

Previews

White Background



This preview shows how the Yxy color 73.4731, 0.3167, 0.3355 looks on a white background.

Color Contrast Check

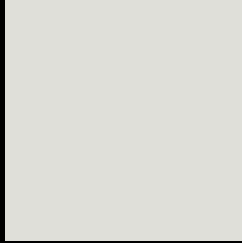
Large Text (above 18pt) WCAG AA × Fail

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 73.4731, 0.3167, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

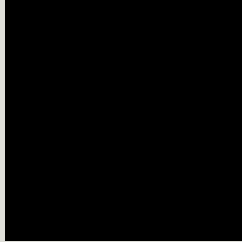
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

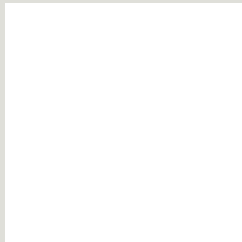
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4731, 0.3167, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 73.4731, 0.3167, 0.3355.

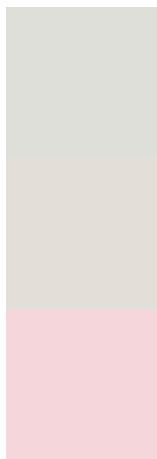


This preview shows how white text looks on a background with the Yxy color 73.4731, 0.3167, 0.3355.

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

73.4731, 0.3167, 0.3355

Protanopia

73.6944, 0.3210, 0.3355

Deuteranopia

73.1278, 0.3321, 0.3249



Tritanopia

73.4696, 0.3058, 0.3110

Trichromacy



Original Color

73.4731, 0.3167, 0.3355

Protanomaly

73.3692, 0.3195, 0.3355

Deuteranomaly

73.2093, 0.3265, 0.3290

Tritanomaly

73.4336, 0.3096, 0.3194

Monochromacy



Original Color

73.4731, 0.3167, 0.3355

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.9395, 0.3140, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4731, 0.3167, 0.3355 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(223, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 217)  
}
```

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(223, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 217) }
```

Border

The CSS property to change the border of an element to Yxy 73.4731, 0.3167, 0.3355 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(223, 223, 217) }
```

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

```
.border{ border-color:rgb(223, 223, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 223, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(223, 223,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4731, 0.3167, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 217) }
```

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

```
.background{ background-color: rgb(223,  
223, 217) }
```

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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