

Converting Colors

$Y_{xy}(73.0350, 0.3217, 0.3350)$

Have a look what the booklet for
Yxy(73.0350, 0.3217, 0.3350)
contains.

Yxy(73.1132, 0.3217, 0.3355)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.1132, 0.3217, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	E4DDD7
RGB	228, 221, 215
RGB Percent	89%, 87%, 84%
CMY	0.1061, 0.1333, 0.1569
CMYK	0.00, 0.03, 0.06, 0.11
HSL	28°, 19%, 87%
HSV	28°, 6%, 89%
XYZ	70.1059, 73.1132, 74.7040
YIQ	222.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

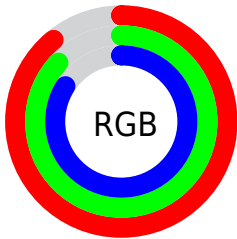
Format	Color
R _Y B	228, 226, 215
Decimal	14998999
CIE Lab	88.50, 1.32, 3.78
CIE LCh	89, 4.003, 70.706
Yxy	73.1132, 0.3217, 0.3355
Android (android.graphics.Color)	4293189079 (0xFFE4DDD7)
YUV	222.4090, -3.6526, 4.9033
Hunter-Lab	85.5063, -3.2853, 8.0546

Details

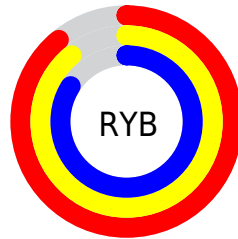
The Yxy color **73.1132, 0.3217, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2521, 0.3040, 0.3224**, and the grayscale version is **73.3720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6947, 0.3245, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **65.8142, 0.3394, 0.3475**, and if you desaturate by 10%, it is **81.0501, 0.3064, 0.3242**.

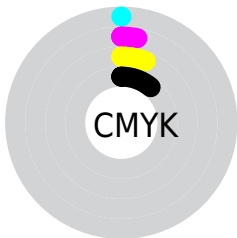
Distribution



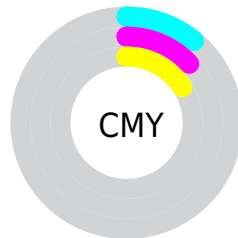
- Red (89%)
- Green (87%)
- Blue (84%)



- Red (89%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1132, 0.3217, 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 73.1132, 0.3217, 0.3355 by changing the saturation by 10% instead.

■ 73.1132, 0.3217,
0.3355

■ 73.1132, 0.3217,
0.3355

471.4070, 0.3175,
0.3325

■ 54.0685, 0.3227,
0.3362

123.6379, 0.3203,
0.3345

■ 38.6565, 0.3238,
0.3370

155.8867, 0.3197,
0.3341

■ 26.4926, 0.3253,
0.3381

193.3057, 0.3192,
0.3337

■ 17.1925, 0.3273,
0.3395

236.2793, 0.3188,
0.3334

■ 10.3718, 0.3300,
0.3414

285.1918, 0.3184,
0.3331

■ 5.6462, 0.3339,
0.3441

340.4277, 0.3181,

■ 2.6312, 0.3401,

0.3329

0.3484

402.3713, 0.3178,
0.3327

0.9424, 0.3531,
0.3579

0.0000, 0.0000,
0.0000

73.1132, 0.3217,
0.3355

73.1132, 0.3217,
0.3355

65.8142, 0.3394,
0.3475

81.0501, 0.3064,
0.3242

59.1268, 0.3596,
0.3600

89.2660, 0.2962,
0.3193

53.0369, 0.3826,
0.3727

95.2267, 0.2964,
0.3290

47.5262, 0.4083,
0.3850

■ 42.5753, 0.4362,
0.3959

■ 38.1635, 0.4654,
0.4043

■ 34.2683, 0.4944,
0.4089

■ 30.8649, 0.5214,
0.4086

■ 27.9253, 0.5442,
0.4027

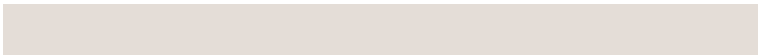
Harmonies

Analogous

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



73.1132, 0.3220, 0.3320



73.1132, 0.3217, 0.3355



73.1132, 0.3190, 0.3373

Triad

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



73.1132, 0.3217, 0.3355



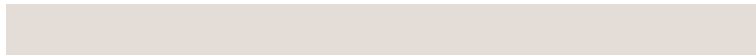
73.1132, 0.3057, 0.3302



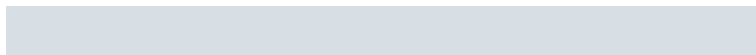
73.1132, 0.3108, 0.3214

Complementary

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



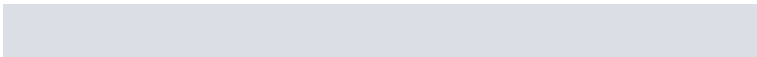
73.1132, 0.3217, 0.3355



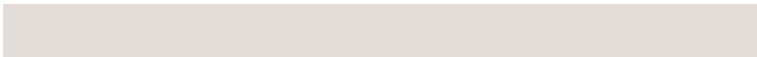
72.2521, 0.3040, 0.3224

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.



73.1132, 0.3065, 0.3208



73.1132, 0.3217, 0.3355



73.1132, 0.3036, 0.3259

Square

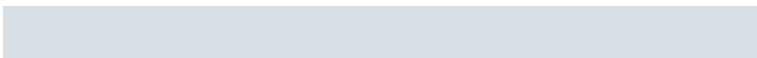
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1132, 0.3217, 0.3355



73.1132, 0.3098, 0.3342



73.1132, 0.3038, 0.3225



73.1132, 0.3156, 0.3239

Rectangle

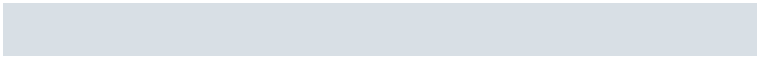
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1132, 0.3217, 0.3355



73.1132, 0.3162, 0.3372



73.1132, 0.3038, 0.3225



73.1132, 0.3092, 0.3209

Sweetspot

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



73.1164, 0.3217, 0.3355



97.9467, 0.3158, 0.3313



70.3665, 0.3173, 0.3214



20.9862, 0.3157, 0.3312



0.0000, 0.0000, 0.0000



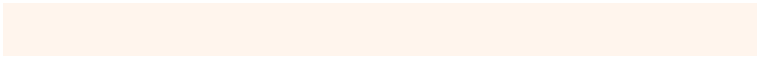
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1164, 0.3217, 0.3355



92.9587, 0.3240, 0.3371



76.4994, 0.3212, 0.3422



15.7763, 0.3248, 0.3377



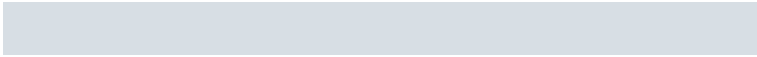
15.7059, 0.5506, 0.4010



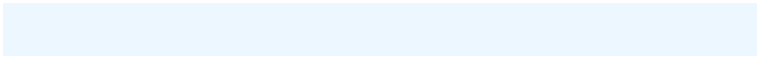
1.3450, 0.5266, 0.4201

Inverse Universe

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



72.2521, 0.3040, 0.3224



91.5905, 0.3019, 0.3208



68.9754, 0.3041, 0.3155



15.5263, 0.3011, 0.3201



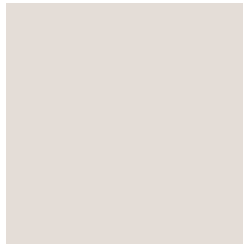
11.5150, 0.1806, 0.1701



1.0365, 0.1875, 0.1951

Previews

White Background



This preview shows how the Yxy color 73.1132, 0.3217, 0.3355 looks on a white background.

Color Contrast Check

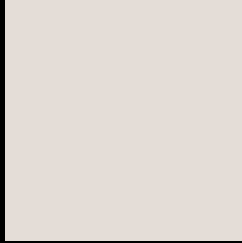
Large Text (above 18pt) WCAG AA × Fail

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 73.1132, 0.3217, 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

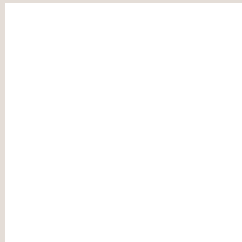
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1132, 0.3217, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 73.1132, 0.3217, 0.3355.

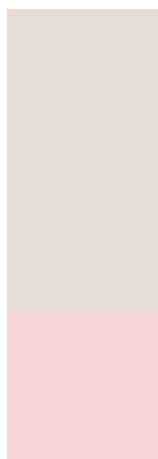


This preview shows how white text looks on a background with the Yxy color 73.1132, 0.3217, 0.3355.

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

73.1132, 0.3217, 0.3355

Protanopia

73.1132, 0.3217, 0.3355

Deuteranopia

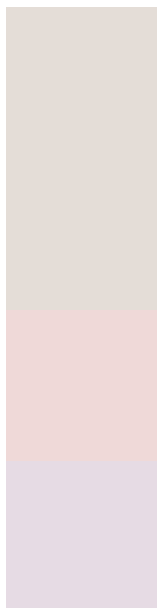
73.1516, 0.3350, 0.3280



Tritanopia

73.1299, 0.3107, 0.3112

Trichromacy



Original Color

73.1132, 0.3217, 0.3355

Protanomaly

73.1132, 0.3217, 0.3355

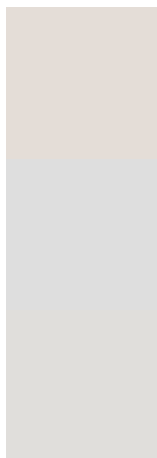
Deuteranomaly

72.9343, 0.3295, 0.3301

Tritanomaly

73.0875, 0.3146, 0.3195

Monochromacy



Original Color

73.1132, 0.3217, 0.3355

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2043, 0.3161, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1132, 0.3217, 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(228, 221, 215)` looks like.

```
.text, #text, p{  
    color:rgb(228, 221, 215)  
}
```

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(228, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 215) }
```

Border

The CSS property to change the border of an element to Yxy 73.1132, 0.3217, 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(228, 221, 215) }
```

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

```
.border{ border-color:rgb(228, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 221,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1132, 0.3217, 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(228, 221, 215) }
```

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

```
.background{ background-color: rgb(228,  
221, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor