

Converting Colors

$Yxy(74.5688, 0.3211, 0.3406)$

Have a look what the booklet for
Yxy(74.5688, 0.3211, 0.3406)
contains.

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Color

Yxy(74.3351, 0.3207, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	E2E0D6
RGB	226, 224, 214
RGB Percent	89%, 88%, 84%
CMY	0.1137, 0.1215, 0.1608
CMYK	0.00, 0.01, 0.05, 0.11
HSL	50°, 17%, 86%
HSV	50°, 5%, 89%
XYZ	70.1568, 74.3351, 74.2695
YIQ	223.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

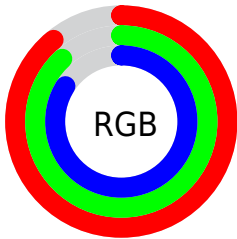
Format	Color
R _Y B	216, 226, 214
Decimal	14868694
CIE Lab	89.08, -1.06, 5.12
CIE LCh	89, 5.228, 101.736
Yxy	74.3351, 0.3207, 0.3398
Android (android.graphics.Color)	4293058774 (0xFFE2E0D6)
YUV	223.4580, -4.6628, 2.2293
Hunter-Lab	86.2178, -5.6330, 9.2791

Details

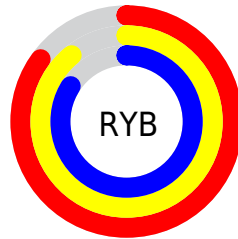
The Yxy color $74.3351, 0.3207, 0.3398$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $68.8966, 0.3047, 0.3180$, and the grayscale version is $74.1678, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.5371, 0.3231, 0.3431$ is the 20% darker color. If you saturate the color by 10%, you get $71.2670, 0.3365, 0.3608$, and if you desaturate by 10%, it is $77.6144, 0.3059, 0.3197$.

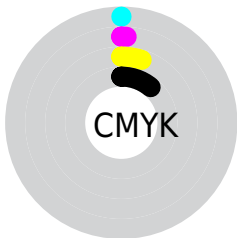
Distribution



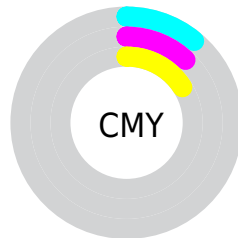
- Red (89%)
- Green (88%)
- Blue (84%)



- Red (85%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3351, 0.3207, 0.3398 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 74.3351, 0.3207, 0.3398 by changing the saturation by 10% instead.

■ 74.3351, 0.3207,
0.3398

■ 74.3351, 0.3207,
0.3398

475.6291, 0.3170,
0.3348

■ 55.0684, 0.3215,
0.3409

125.3707, 0.3194,
0.3381

■ 39.4564, 0.3226,
0.3423

157.9084, 0.3189,
0.3374

■ 27.1150, 0.3239,
0.3441

195.6385, 0.3185,
0.3368

■ 17.6596, 0.3256,
0.3465

238.9454, 0.3181,
0.3363

■ 10.7059, 0.3279,
0.3497

288.2135, 0.3178,
0.3359

■ 5.8694, 0.3312,
0.3543

343.8272, 0.3175,

■ 2.7658, 0.3365,

0.3355

0.3616

406.1710, 0.3173,
0.3351

■ 1.0107, 0.3480,
0.3771

■ 0.0000, 0.0000,
0.0000

■ 74.3351, 0.3207,
0.3398

■ 74.3351, 0.3207,
0.3398

■ 71.2670, 0.3365,
0.3608

■ 77.6144, 0.3059,
0.3197

■ 68.3936, 0.3532,
0.3823

■ 80.8280, 0.2948,
0.3050

■ 65.7109, 0.3704,
0.4037

■ 82.9579, 0.2949,
0.3089

■ 63.2109, 0.3875,
0.4240

■ 85.1333, 0.2949,
0.3127

60.8852, 0.4040,
0.4424

87.3542, 0.2950,
0.3166

58.7244, 0.4191,
0.4578

89.6211, 0.2951,
0.3204

56.7179, 0.4320,
0.4694

91.9341, 0.2951,
0.3242

54.8535, 0.4423,
0.4764

94.2936, 0.2952,
0.3280

53.1162, 0.4497,
0.4788

94.9085, 0.2952,
0.3289

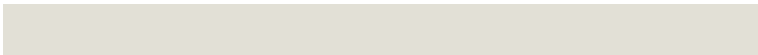
Harmonies

Analogous

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



74.3351, 0.3243, 0.3375



74.3351, 0.3207, 0.3398



74.3351, 0.3150, 0.3391

Triad

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



74.3351, 0.3207, 0.3398



74.3351, 0.3008, 0.3248



74.3351, 0.3167, 0.3225

Complementary

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



74.3351, 0.3207, 0.3398



68.8966, 0.3047, 0.3180

Split Complementary

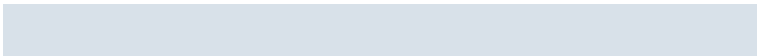
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3351, 0.3104, 0.3192



74.3351, 0.3207, 0.3398



74.3351, 0.3012, 0.3204

Square

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



74.3351, 0.3207, 0.3398



74.3351, 0.3035, 0.3304



74.3351, 0.3047, 0.3184



74.3351, 0.3220, 0.3276

Rectangle

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



74.3351, 0.3207, 0.3398



74.3351, 0.3107, 0.3371



74.3351, 0.3047, 0.3184



74.3351, 0.3146, 0.3211

Sweetspot

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



74.3383, 0.3207, 0.3398



99.1366, 0.3157, 0.3331



69.2210, 0.3202, 0.3269



21.2284, 0.3156, 0.3329



0.0000, 0.0000, 0.0000



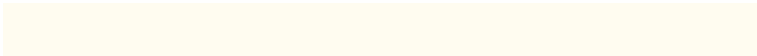
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3383, 0.3207, 0.3398



97.4429, 0.3218, 0.3413



74.7767, 0.3177, 0.3420



15.8105, 0.3227, 0.3425



30.0071, 0.4519, 0.4794



2.1843, 0.4460, 0.4840

Inverse Universe

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



68.8966, 0.3047, 0.3180



89.3407, 0.3035, 0.3164



68.4910, 0.3076, 0.3159



14.3743, 0.3026, 0.3151



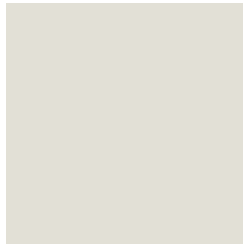
4.0223, 0.1542, 0.0749



0.3918, 0.1612, 0.1002

Previews

White Background



This preview shows how the Yxy color 74.3351, 0.3207, 0.3398 looks on a white background.

Color Contrast Check

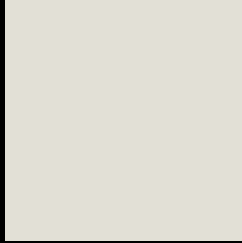
Large Text (above 18pt) WCAG AA × Fail

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 74.3351, 0.3207, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

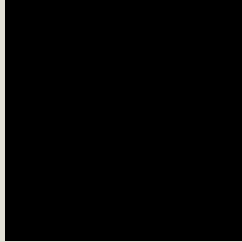
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

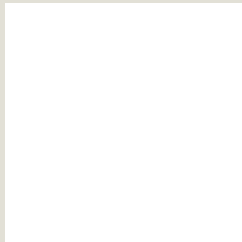
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3351, 0.3207, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 74.3351, 0.3207, 0.3398.

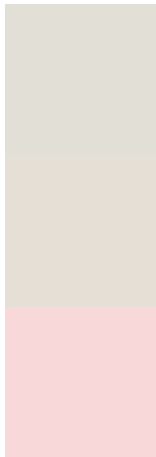


This preview shows how white text looks on a background with the Yxy color 74.3351, 0.3207, 0.3398.

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

74.3351, 0.3207, 0.3398

Protanopia

74.4024, 0.3243, 0.3397

Deuteranopia

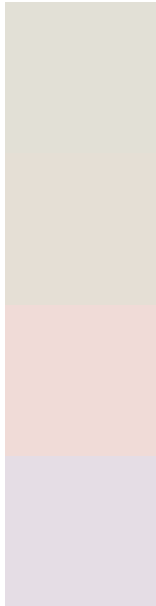
74.0261, 0.3363, 0.3291



Tritanopia

74.1824, 0.3080, 0.3102

Trichromacy



Original Color

74.3351, 0.3207, 0.3398

Protanomaly

74.2375, 0.3236, 0.3398

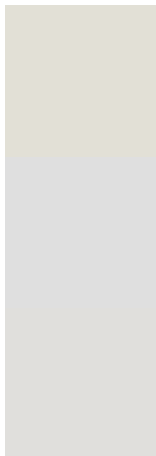
Deuteranomaly

74.0946, 0.3307, 0.3332

Tritanomaly

74.0281, 0.3131, 0.3205

Monochromacy



Original Color

74.3351, 0.3207, 0.3398

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7900, 0.3154, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3351, 0.3207, 0.3398 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(226, 224, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 214)  
}
```

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(226, 224, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 214) }
```

Border

The CSS property to change the border of an element to Yxy 74.3351, 0.3207, 0.3398 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(226, 224, 214) }
```

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

```
.border{ border-color:rgb(226, 224, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3351, 0.3207, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 214) }
```

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

```
.background{ background-color: rgb(226,  
224, 214) }
```

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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