

Converting Colors

Yxy(69.9851, 0.3214, 0.3309)

Have a look what the booklet for
Yxy(69.9851, 0.3214, 0.3309)
contains.

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Color

Yxy(70.1355, 0.3214, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E2D8D6
RGB	226, 216, 214
RGB Percent	89%, 85%, 84%
CMY	0.1137, 0.1529, 0.1608
CMYK	0.00, 0.04, 0.05, 0.11
HSL	10°, 17%, 86%
HSV	10°, 5%, 89%
XYZ	68.0602, 70.1355, 73.5660
YIQ	218.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

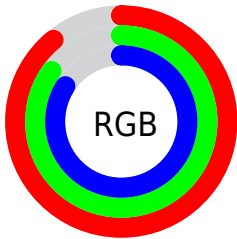
Format	Color
R _Y B	226, 216, 214
Decimal	14866646
CIE Lab	87.06, 3.09, 2.20
CIE LCh	87, 3.788, 35.474
Yxy	70.1355, 0.3214, 0.3312
Android (android.graphics.Color)	4293056726 (0xFFE2D8D6)
YUV	218.7620, -2.3477, 6.3477
Hunter-Lab	83.7469, -1.4921, 6.5406

Details

The Yxy color **70.1355, 0.3214, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1047, 0.3045, 0.3268**, and the grayscale version is **70.6809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6509, 0.3241, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **59.9594, 0.3404, 0.3356**, and if you desaturate by 10%, it is **81.5839, 0.3058, 0.3271**.

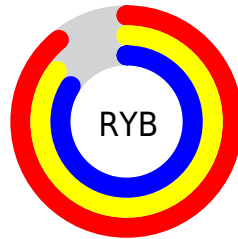
Distribution



Red (89%)

Green (85%)

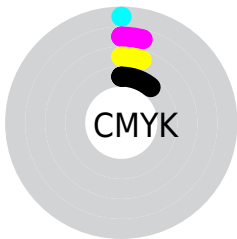
Blue (84%)



Red (89%)

Yellow (85%)

Blue (84%)

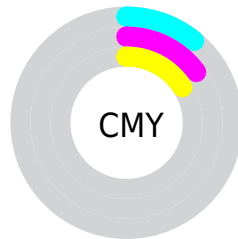


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (11%)



Cyan (11%)


Magenta (15%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1355, 0.3214, 0.3312 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 70.1355, 0.3214, 0.3312 by changing the saturation by 10% instead.


 70.1355, 0.3214,
0.3312

 70.1355, 0.3214,
0.3312

461.0256, 0.3173,
0.3302

 51.6370, 0.3223,
0.3314

119.4020, 0.3200,
0.3309

 36.7158, 0.3235,
0.3317


150.9387, 0.3194,
0.3307

 24.9875, 0.3250,
0.3321


187.5904, 0.3190,
0.3306

 16.0678, 0.3269,
0.3325

229.7413, 0.3186,
0.3305

 9.5721, 0.3296,
0.3331

277.7759, 0.3182,
0.3304

 5.1162, 0.3336,
0.3340

332.0785, 0.3179,

 2.3156, 0.3400,

0.3303

393.0337, 0.3176,
0.3303

0.3354

0.7819, 0.3562,
0.3402

0.0000, 0.0000,
0.0000

70.1355, 0.3214,
0.3312

70.1355, 0.3214,
0.3312

59.9594, 0.3404,
0.3356

81.5839, 0.3058,
0.3271

51.0028, 0.3635,
0.3402

94.0634, 0.2952,
0.3276

43.2223, 0.3915,
0.3449

94.9111, 0.2952,
0.3289

36.5689, 0.4247,
0.3494

■ 30.9899, 0.4631,
0.3530

■ 26.4284, 0.5052,
0.3550

■ 22.8221, 0.5480,
0.3547

■ 20.1018, 0.5864,
0.3513

■ 18.1883, 0.6150,
0.3450

Harmonies

Analogous

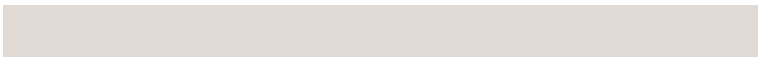
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1355, 0.3189, 0.3271



70.1355, 0.3214, 0.3312



70.1355, 0.3216, 0.3348

Triad

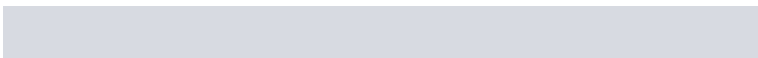
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1355, 0.3214, 0.3312



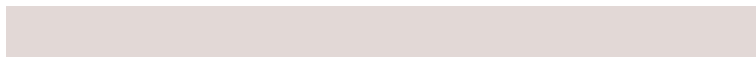
70.1355, 0.3107, 0.3346



70.1355, 0.3061, 0.3213

Complementary

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



70.1355, 0.3214, 0.3312



73.1047, 0.3045, 0.3268

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.



70.1355, 0.3040, 0.3232



70.1355, 0.3214, 0.3312



70.1355, 0.3066, 0.3309

Square

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



70.1355, 0.3214, 0.3312



70.1355, 0.3153, 0.3368



70.1355, 0.3041, 0.3267



70.1355, 0.3101, 0.3214

Rectangle

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



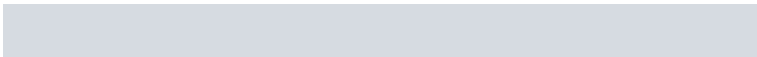
70.1355, 0.3214, 0.3312



70.1355, 0.3203, 0.3363



70.1355, 0.3041, 0.3267



70.1355, 0.3052, 0.3217

Sweetspot

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



70.1386, 0.3214, 0.3312



96.9944, 0.3159, 0.3298



69.6455, 0.3147, 0.3182



20.7923, 0.3157, 0.3298



0.0000, 0.0000, 0.0000



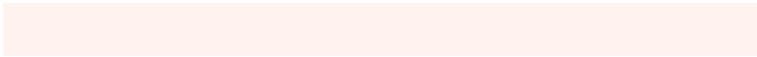
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1386, 0.3214, 0.3312



91.1874, 0.3227, 0.3315



73.2734, 0.3209, 0.3377



14.7016, 0.3236, 0.3318



10.1198, 0.6228, 0.3437



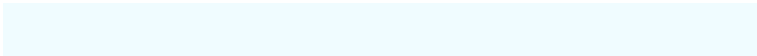
0.8148, 0.5955, 0.3654

Inverse Universe

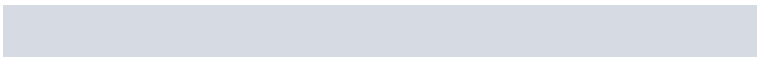
The Inverse Universe completely reimagines the original color for something new.



73.1047, 0.3045, 0.3268



95.5958, 0.3034, 0.3265



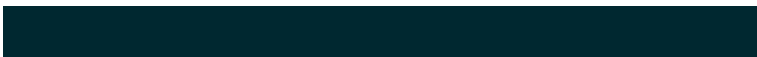
69.9321, 0.3046, 0.3202



15.4831, 0.3025, 0.3262



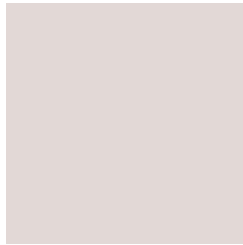
23.8789, 0.2098, 0.2752



1.7598, 0.2123, 0.2843

Previews

White Background



This preview shows how the Yxy color 70.1355, 0.3214, 0.3312 looks on a white background.

Color Contrast Check

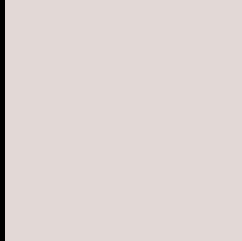
Large Text (above 18pt) WCAG AA × Fail

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 70.1355, 0.3214, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

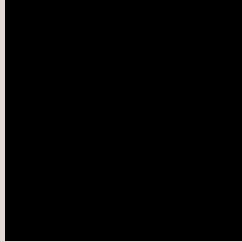
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

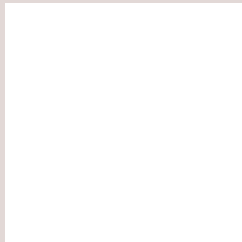
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1355, 0.3214, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 70.1355, 0.3214, 0.3312.

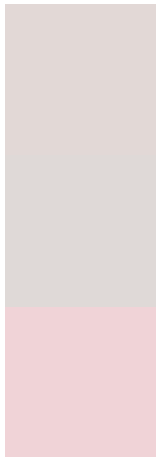


This preview shows how white text looks on a background with the Yxy color 70.1355, 0.3214, 0.3312.

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

70.1355, 0.3214, 0.3312

Protanopia

70.2200, 0.3184, 0.3312

Deuteranopia

70.0201, 0.3317, 0.3248



Tritanopia

69.7957, 0.3121, 0.3109

Trichromacy



Original Color

70.1355, 0.3214, 0.3312

Protanomaly

70.3793, 0.3192, 0.3312

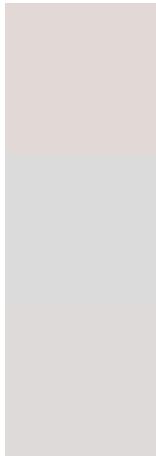
Deuteranomaly

70.1570, 0.3277, 0.3269

Tritanomaly

69.8058, 0.3154, 0.3183

Monochromacy



Original Color

70.1355, 0.3214, 0.3312

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6822, 0.3163, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1355, 0.3214, 0.3312 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, 216, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 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, 216, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 214) }
```

Border

The CSS property to change the border of an element to Yxy 70.1355, 0.3214, 0.3312 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, 216, 214) }
```

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

```
.border{ border-color:rgb(226, 216, 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, 216, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1355, 0.3214, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 214) }
```

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

```
.background{ background-color: rgb(226,  
216, 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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