

Converting Colors

$Y_{xy}(71.2618, 0.3340, 0.3328)$

Have a look what the booklet for
Yxy(71.2618, 0.3340, 0.3328)
contains.

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Color

Yxy(71.1470, 0.3334, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	EFD6D3
RGB	239, 214, 211
RGB Percent	94%, 84%, 83%
CMY	0.0627, 0.1608, 0.1724
CMYK	0.00, 0.10, 0.12, 0.06
HSL	6°, 47%, 88%
HSV	6°, 12%, 94%
XYZ	71.4040, 71.1470, 71.6182
YIQ	221.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

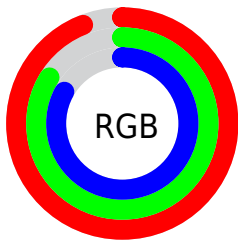
Format	Color
R _Y B	239, 214, 211
Decimal	15718099
CIE Lab	87.56, 8.17, 4.61
CIE LCh	88, 9.380, 29.447
Yxy	71.1470, 0.3334, 0.3322
Android (android.graphics.Color)	4293908179 (0xFFEFD6D3)
YUV	221.1330, -4.9956, 15.6694
Hunter-Lab	84.3487, 3.4961, 8.7025

Details

The Yxy color **71.1470, 0.3334, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0942, 0.2947, 0.3258**, and the grayscale version is **72.4351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2979, 0.3382, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **59.9256, 0.3555, 0.3352**, and if you desaturate by 10%, it is **83.9710, 0.3154, 0.3294**.

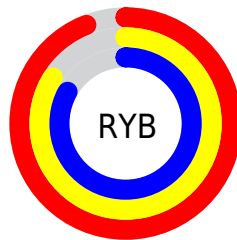
Distribution



Red (94%)

Green (84%)

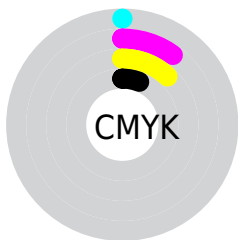
Blue (83%)



Red (94%)

Yellow (84%)

Blue (83%)

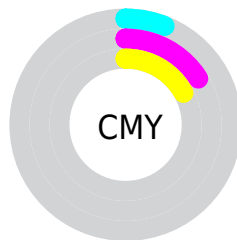


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1470, 0.3334, 0.3322 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 71.1470, 0.3334, 0.3322 by changing the saturation by 10% instead.


 71.1470, 0.3334,
0.3322

 71.1470, 0.3334,
0.3322


464.5671, 0.3237,
0.3308

 52.4622, 0.3356,
0.3325


120.8430, 0.3300,
0.3317

 37.3736, 0.3384,
0.3329


152.6230, 0.3287,
0.3315

 25.4969, 0.3419,
0.3333


189.5368, 0.3276,
0.3314

 16.4476, 0.3466,
0.3339

231.9688, 0.3266,
0.3312

 9.8415, 0.3530,
0.3346

280.3035, 0.3258,
0.3311

 5.2940, 0.3624,
0.3355

334.9252, 0.3250,

 2.4208, 0.3774,

0.3310

0.3368

396.2182, 0.3243,
0.3309

0.8365, 0.4133,
0.3444

0.0000, 0.0000,
0.0000

71.1470, 0.3334,
0.3322

71.1470, 0.3334,
0.3322

59.9256, 0.3555,
0.3352

83.9710, 0.3154,
0.3294

50.2346, 0.3827,
0.3382

97.0907, 0.3029,
0.3290

42.0106, 0.4155,
0.3411

35.1819, 0.4543,
0.3436

■ 29.6708, 0.4978,
0.3452

■ 25.3921, 0.5431,
0.3453

■ 22.2504, 0.5849,
0.3433

■ 20.1361, 0.6166,
0.3393

■ 19.0623, 0.6330,
0.3356

Harmonies

Analogous

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



71.1470, 0.3261, 0.3224



71.1470, 0.3334, 0.3322



71.1470, 0.3350, 0.3414

Triad

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



71.1470, 0.3334, 0.3322



71.1470, 0.3099, 0.3444



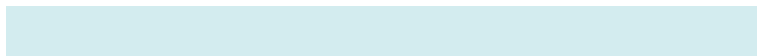
71.1470, 0.2950, 0.3106

Complementary

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



71.1470, 0.3334, 0.3322



80.0942, 0.2947, 0.3258

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.



71.1470, 0.2909, 0.3161



71.1470, 0.3334, 0.3322



71.1470, 0.2994, 0.3357

Square

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



71.1470, 0.3334, 0.3322



71.1470, 0.3213, 0.3487



71.1470, 0.2925, 0.3252



71.1470, 0.3039, 0.3100

Rectangle

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



71.1470, 0.3334, 0.3322



71.1470, 0.3327, 0.3460



71.1470, 0.2925, 0.3252



71.1470, 0.2931, 0.3119

Sweetspot

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



71.1502, 0.3334, 0.3322



93.6808, 0.3193, 0.3301



71.0237, 0.3160, 0.3030



19.8045, 0.3205, 0.3303



0.0000, 0.0000, 0.0000



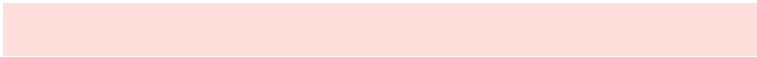
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1502, 0.3334, 0.3322



79.2142, 0.3382, 0.3329



78.4397, 0.3316, 0.3466



16.0289, 0.3291, 0.3316



10.6237, 0.6314, 0.3369



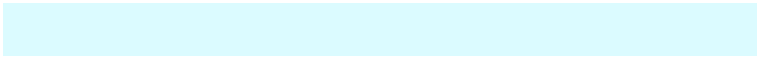
0.9730, 0.6136, 0.3510

Inverse Universe

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



80.0942, 0.2947, 0.3258



91.4518, 0.2912, 0.3251



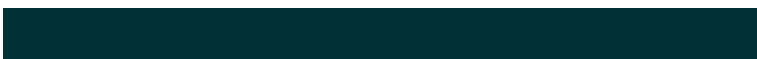
72.4453, 0.2944, 0.3108



17.6254, 0.2981, 0.3264



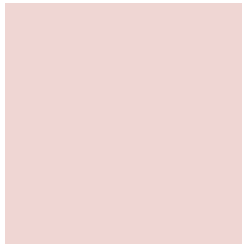
30.0322, 0.2154, 0.2953



2.5800, 0.2167, 0.3001

Previews

White Background



This preview shows how the Yxy color 71.1470, 0.3334, 0.3322 looks on a white background.

Color Contrast Check

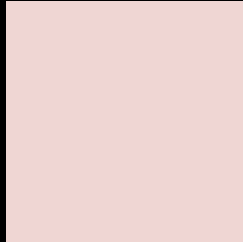
Large Text (above 18pt) WCAG AA × Fail

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 71.1470, 0.3334, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

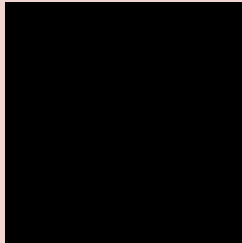
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

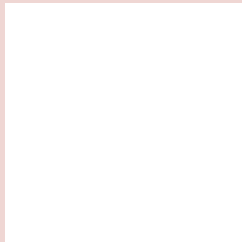
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1470, 0.3334, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 71.1470, 0.3334, 0.3322.

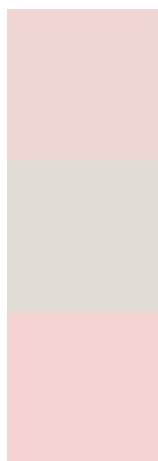


This preview shows how white text looks on a background with the Yxy color 71.1470, 0.3334, 0.3322.

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

71.1470, 0.3334, 0.3322

Protanopia

71.5256, 0.3204, 0.3345

Deuteranopia

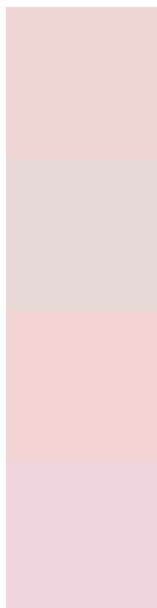
71.0232, 0.3375, 0.3301



Tritanopia

70.8907, 0.3232, 0.3114

Trichromacy



Original Color

71.1470, 0.3334, 0.3322

Protanomaly

71.2528, 0.3249, 0.3333

Deuteranomaly

71.1689, 0.3358, 0.3312

Tritanomaly

70.8862, 0.3266, 0.3186

Monochromacy



Original Color

71.1470, 0.3334, 0.3322

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.6465, 0.3206, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1470, 0.3334, 0.3322 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(239, 214, 211)` looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 211)  
}
```

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(239, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 211) }
```

Border

The CSS property to change the border of an element to Yxy 71.1470, 0.3334, 0.3322 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(239, 214, 211) }
```

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

```
.border{ border-color:rgb(239, 214, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1470, 0.3334, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 211) }
```

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

```
.background{ background-color: rgb(239,  
214, 211) }
```

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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