

Converting Colors

Yxy(69.3939, 0.3331, 0.3410)

Have a look what the booklet for
Yxy(69.3939, 0.3331, 0.3410)
contains.

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Color

Yxy(69.3939, 0.3331, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	E7D6CB
RGB	231, 214, 203
RGB Percent	91%, 84%, 80%
CMY	0.0940, 0.1608, 0.2039
CMYK	0.00, 0.07, 0.12, 0.09
HSL	24°, 37%, 85%
HSV	24°, 12%, 91%
XYZ	67.7862, 69.3939, 66.3210
YIQ	217.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

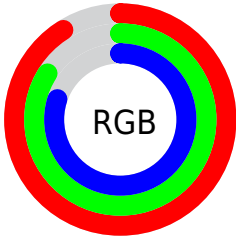
Format	Color
R _Y B	231, 221, 203
Decimal	15193803
CIE Lab	86.70, 4.06, 7.53
CIE LCh	87, 8.554, 61.699
Yxy	69.3939, 0.3331, 0.3410
Android (android.graphics.Color)	4293383883 (0xFFE7D6CB)
YUV	217.8290, -7.3107, 11.5510
Hunter-Lab	83.3030, -0.5293, 11.1088

Details

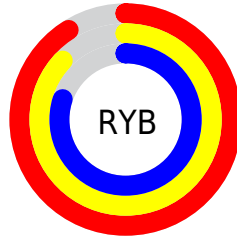
The Yxy color **69.3939, 0.3331, 0.3410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6669, 0.2939, 0.3167**, and the grayscale version is **70.0349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0802, 0.3378, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **61.5754, 0.3530, 0.3515**, and if you desaturate by 10%, it is **77.9948, 0.3160, 0.3310**.

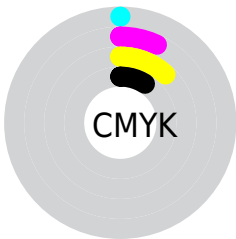
Distribution



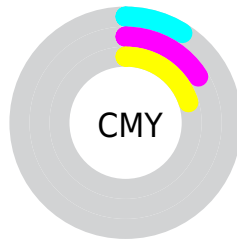
- Red (91%)
- Green (84%)
- Blue (80%)



- Red (91%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (9%)





- Cyan (9%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3939, 0.3331, 0.3410 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 69.3939, 0.3331, 0.3410 by changing the saturation by 10% instead.


 69.3939, 0.3331,
0.3410

 69.3939, 0.3331,
0.3410


458.4190, 0.3235,
0.3355

 51.0326, 0.3353,
0.3423


118.3440, 0.3298,
0.3391

 36.2345, 0.3381,
0.3438


149.7016, 0.3285,
0.3383

 24.6154, 0.3416,
0.3458


186.1600, 0.3274,
0.3377

 15.7907, 0.3462,
0.3484

228.1037, 0.3264,
0.3371

 9.3762, 0.3526,
0.3518

275.9171, 0.3256,
0.3366

 4.9874, 0.3621,
0.3568

329.9845, 0.3248,

 2.2398, 0.3773,

0.3362

0.3646

390.6903, 0.3241,
0.3358

0.7416, 0.4401,
0.4060

0.0000, 0.0000,
0.0000

69.3939, 0.3331,
0.3410

69.3939, 0.3331,
0.3410

61.5754, 0.3530,
0.3515

77.9948, 0.3160,
0.3310

54.5075, 0.3761,
0.3623

87.3906, 0.3014,
0.3218

48.1696, 0.4025,
0.3730

95.7327, 0.2982,
0.3290

42.5365, 0.4320,
0.3827

■ 37.5815, 0.4639,
0.3904

■ 33.2759, 0.4967,
0.3949

■ 29.5884, 0.5283,
0.3949

■ 26.4840, 0.5560,
0.3896

■ 24.4185, 0.5742,
0.3823

Harmonies

Analogous

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



69.3939, 0.3320, 0.3327



69.3939, 0.3331, 0.3410



69.3939, 0.3286, 0.3463

Triad

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



69.3939, 0.3331, 0.3410



69.3939, 0.2998, 0.3345



69.3939, 0.3054, 0.3117

Complementary

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



69.3939, 0.3331, 0.3410



69.6669, 0.2939, 0.3167

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.



69.3939, 0.2969, 0.3119



69.3939, 0.3331, 0.3410



69.3939, 0.2938, 0.3249

Square

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



69.3939, 0.3331, 0.3410



69.3939, 0.3093, 0.3426



69.3939, 0.2927, 0.3166



69.3939, 0.3159, 0.3159

Rectangle

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



69.3939, 0.3331, 0.3410



69.3939, 0.3231, 0.3474



69.3939, 0.2927, 0.3166



69.3939, 0.3022, 0.3112

Sweetspot

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



69.3970, 0.3331, 0.3410



95.4701, 0.3191, 0.3329



64.8872, 0.3218, 0.3104



20.2560, 0.3203, 0.3336



0.0000, 0.0000, 0.0000



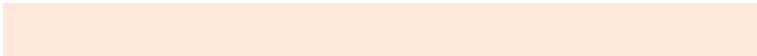
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3970, 0.3331, 0.3410



83.8361, 0.3387, 0.3441



76.6559, 0.3312, 0.3555



15.2912, 0.3283, 0.3383



13.9116, 0.5713, 0.3846



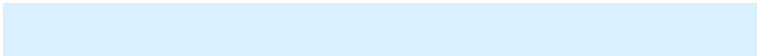
1.2047, 0.5444, 0.4059

Inverse Universe

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



69.6669, 0.2939, 0.3167



84.2465, 0.2893, 0.3135



62.7401, 0.2936, 0.3010



15.3370, 0.2981, 0.3196



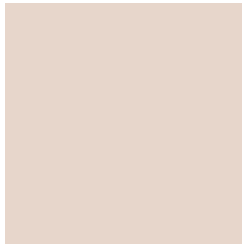
14.0535, 0.1876, 0.1954



1.2182, 0.1936, 0.2169

Previews

White Background



This preview shows how the Yxy color 69.3939, 0.3331, 0.3410 looks on a white background.

Color Contrast Check

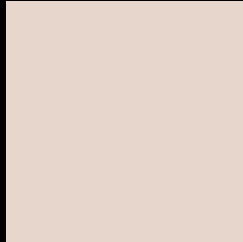
Large Text (above 18pt) WCAG AA × Fail

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 69.3939, 0.3331, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

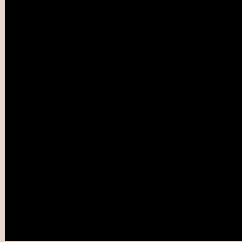
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

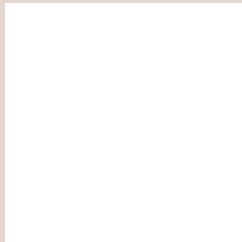
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3939, 0.3331, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 69.3939, 0.3331, 0.3410.

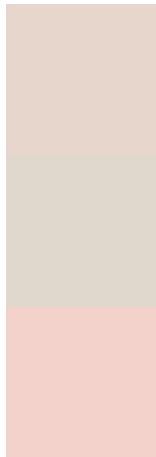


This preview shows how white text looks on a background with the Yxy color 69.3939, 0.3331, 0.3410.

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

69.3939, 0.3331, 0.3410

Protanopia

69.3187, 0.3268, 0.3423

Deuteranopia

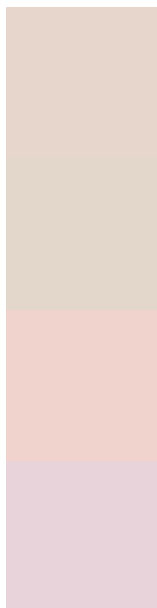
69.5075, 0.3422, 0.3354



Tritanopia

69.1317, 0.3187, 0.3110

Trichromacy



Original Color

69.3939, 0.3331, 0.3410

Protanomaly

69.2914, 0.3292, 0.3411

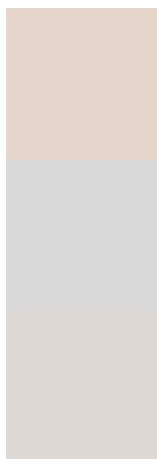
Deuteranomaly

69.2989, 0.3389, 0.3365

Tritanomaly

68.9741, 0.3243, 0.3216

Monochromacy



Original Color

69.3939, 0.3331, 0.3410

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.1178, 0.3198, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3939, 0.3331, 0.3410 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(231, 214, 203)` looks like.

```
.text, #text, p{  
    color:rgb(231, 214, 203)  
}
```

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(231, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 214, 203) }
```

Border

The CSS property to change the border of an element to Yxy 69.3939, 0.3331, 0.3410 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(231, 214, 203) }
```

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

```
.border{ border-color:rgb(231, 214, 203) }
```

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

Here you see how a box with a 4 pixel rgb(231, 214, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(231, 214,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3939, 0.3331, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 214, 203) }
```

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

```
.background{ background-color: rgb(231,  
214, 203) }
```

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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