

Converting Colors

$Yxy(70.2789, 0.3323, 0.3416)$

Have a look what the booklet for
Yxy(70.2789, 0.3323, 0.3416)
contains.

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Color

Yxy(70.4603, 0.3321, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	E7D8CC
RGB	231, 216, 204
RGB Percent	91%, 85%, 80%
CMY	0.0942, 0.1529, 0.2001
CMYK	0.00, 0.06, 0.12, 0.09
HSL	27°, 36%, 85%
HSV	27°, 12%, 91%
XYZ	68.4007, 70.4603, 67.1031
YIQ	219.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

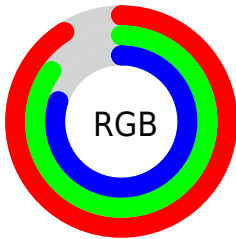
Format	Color
R _Y B	231, 226, 204
Decimal	15194316
CIE Lab	87.22, 3.15, 7.77
CIE LCh	87, 8.382, 67.963
Yxy	70.4603, 0.3321, 0.3421
Android (android.graphics.Color)	4293384396 (0xFFE7D8CC)
YUV	219.1170, -7.4527, 10.4214
Hunter-Lab	83.9406, -1.4419, 11.3614

Details

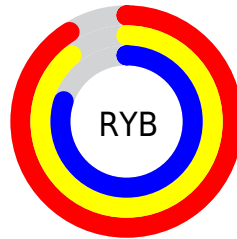
The Yxy color **70.4603, 0.3321, 0.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2273, 0.2946, 0.3155**, and the grayscale version is **70.9684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8057, 0.3364, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **63.1330, 0.3515, 0.3540**, and if you desaturate by 10%, it is **78.4686, 0.3153, 0.3308**.

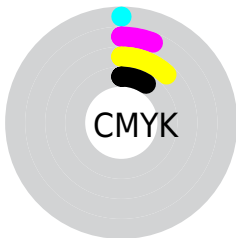
Distribution



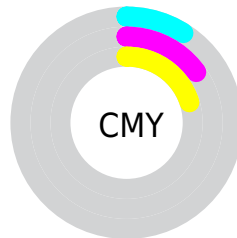
- Red (91%)
- Green (85%)
- Blue (80%)



- Red (91%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4603, 0.3321, 0.3421 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 70.4603, 0.3321, 0.3421 by changing the saturation by 10% instead.

70.4603, 0.3321,
0.3421

70.4603, 0.3321,
0.3421

462.1646, 0.3230,
0.3361

51.9019, 0.3342,
0.3435

119.8649, 0.3289,
0.3400

36.9269, 0.3368,
0.3452

151.4800, 0.3277,
0.3392

25.1509, 0.3401,
0.3473

188.2159, 0.3267,
0.3385

16.1895, 0.3445,
0.3501

230.4573, 0.3258,
0.3379

9.6583, 0.3505,
0.3540

278.5885, 0.3249,
0.3373

5.1730, 0.3593,
0.3595

332.9938, 0.3242,

2.3491, 0.3733,

0.3369

0.3680

394.0577, 0.3236,
0.3364

0.7995, 0.4261,
0.4072

0.0000, 0.0000,
0.0000

70.4603, 0.3321,
0.3421

70.4603, 0.3321,
0.3421

63.1330, 0.3515,
0.3540

78.4686, 0.3153,
0.3308

56.4587, 0.3736,
0.3662

87.1666, 0.3008,
0.3203

50.4207, 0.3987,
0.3782

95.3418, 0.2981,
0.3284

44.9982, 0.4264,
0.3894

95.7246, 0.2981,
0.3290

■ 40.1691, 0.4560,
0.3985

■ 35.9094, 0.4862,
0.4044

■ 32.1933, 0.5152,
0.4057

■ 28.9915, 0.5408,
0.4015

■ 26.6919, 0.5587,
0.3945

Harmonies

Analogous

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



70.4603, 0.3322, 0.3344



70.4603, 0.3321, 0.3421



70.4603, 0.3267, 0.3464

Triad

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



70.4603, 0.3321, 0.3421



70.4603, 0.2986, 0.3324



70.4603, 0.3076, 0.3126

Complementary

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



70.4603, 0.3321, 0.3421



69.2273, 0.2946, 0.3155

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.



70.4603, 0.2988, 0.3119



70.4603, 0.3321, 0.3421



70.4603, 0.2936, 0.3231

Square

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



70.4603, 0.3321, 0.3421



70.4603, 0.3073, 0.3409



70.4603, 0.2937, 0.3156



70.4603, 0.3180, 0.3176

Rectangle

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



70.4603, 0.3321, 0.3421



70.4603, 0.3209, 0.3467



70.4603, 0.2937, 0.3156



70.4603, 0.3044, 0.3119

Sweetspot

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



70.4634, 0.3321, 0.3421



95.8083, 0.3190, 0.3334



65.2858, 0.3224, 0.3125



20.3415, 0.3202, 0.3342



0.0000, 0.0000, 0.0000



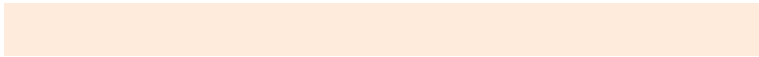
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4634, 0.3321, 0.3421



85.9360, 0.3365, 0.3449



77.4778, 0.3304, 0.3560



15.4211, 0.3281, 0.3395



15.2070, 0.5561, 0.3967



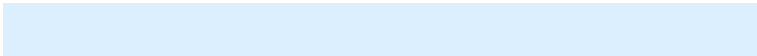
1.3067, 0.5312, 0.4164

Inverse Universe

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



69.2273, 0.2946, 0.3155



84.1034, 0.2908, 0.3126



62.6343, 0.2943, 0.3005



15.2043, 0.2981, 0.3183



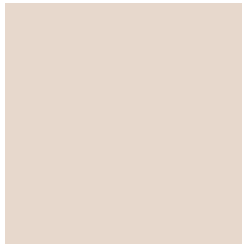
12.1342, 0.1824, 0.1765



1.0814, 0.1891, 0.2007

Previews

White Background



This preview shows how the Yxy color 70.4603, 0.3321, 0.3421 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 70.4603, 0.3321, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

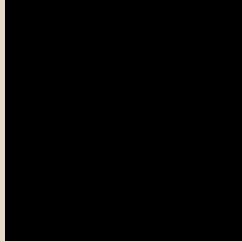
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

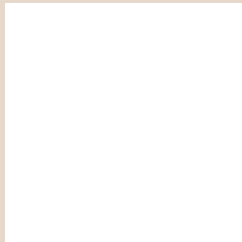
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4603, 0.3321, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 70.4603, 0.3321, 0.3421.



This preview shows how white text looks on a background with the Yxy color 70.4603, 0.3321, 0.3421.

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

70.4603, 0.3321, 0.3421

Protanopia

70.7193, 0.3274, 0.3433

Deuteranopia

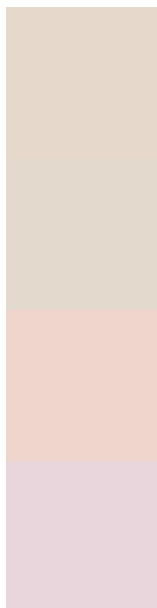
70.4088, 0.3428, 0.3354



Tritanopia

70.2365, 0.3172, 0.3111

Trichromacy



Original Color

70.4603, 0.3321, 0.3421

Protanomaly

70.5275, 0.3290, 0.3421

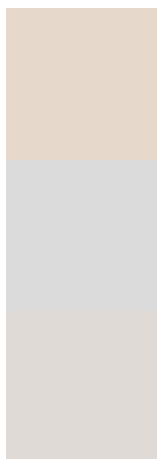
Deuteranomaly

70.5215, 0.3387, 0.3376

Tritanomaly

70.0794, 0.3227, 0.3216

Monochromacy



Original Color

70.4603, 0.3321, 0.3421

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6858, 0.3190, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4603, 0.3321, 0.3421 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, 216, 204)` looks like.

```
.text, #text, p{  
    color:rgb(231, 216, 204)  
}
```

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, 216, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 204) }
```

Border

The CSS property to change the border of an element to Yxy 70.4603, 0.3321, 0.3421 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, 216, 204) }
```

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

```
.border{ border-color:rgb(231, 216, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 216, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 204);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4603, 0.3321, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 216, 204) }
```

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

```
.background{ background-color: rgb(231,  
216, 204) }
```

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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