

Converting Colors

$Yxy(67.7311, 0.3272, 0.3382)$

Have a look what the booklet for
Yxy(67.7311, 0.3272, 0.3382)
contains.

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Color

Yxy(67.7954, 0.3272, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	E0D5CC
RGB	224, 213, 204
RGB Percent	88%, 84%, 80%
CMY	0.1215, 0.1647, 0.2000
CMYK	0.00, 0.05, 0.09, 0.12
HSL	27°, 24%, 84%
HSV	27°, 9%, 88%
XYZ	65.4356, 67.7954, 66.7555
YIQ	215.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

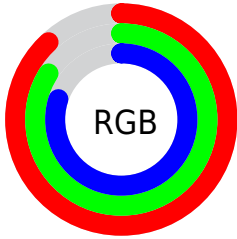
Format	Color
RYB	224, 220, 204
Decimal	14734796
CIELab	85.90, 2.26, 5.79
CIELCh	86, 6.216, 68.717
Yxy	67.7954, 0.3272, 0.3390
Android (android.graphics.Color)	4292924876 (0xFFE0D5CC)
YUV	215.2630, -5.5527, 7.6623
Hunter-Lab	82.3380, -2.2341, 9.5672

Details

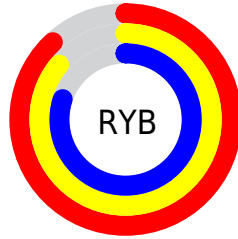
The Yxy color **67.7954, 0.3272, 0.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8193, 0.2989, 0.3188**, and the grayscale version is **68.1784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0907, 0.3310, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **60.8362, 0.3458, 0.3508**, and if you desaturate by 10%, it is **75.3859, 0.3111, 0.3279**.

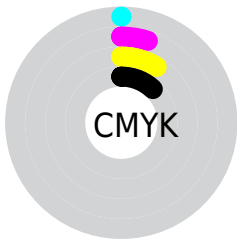
Distribution



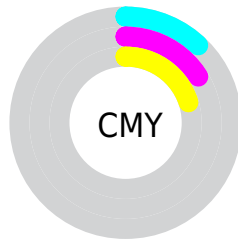
- Red (88%)
- Green (84%)
- Blue (80%)



- Red (88%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7954, 0.3272, 0.3390 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 67.7954, 0.3272, 0.3390 by changing the saturation by 10% instead.

67.7954, 0.3272,
0.3390

67.7954, 0.3272,
0.3390

452.7708, 0.3204,
0.3343

49.7313, 0.3288,
0.3401

116.0594, 0.3248,
0.3374

35.1999, 0.3308,
0.3414

147.0281, 0.3239,
0.3367

23.8169, 0.3333,
0.3431

183.0671, 0.3231,
0.3362

15.1979, 0.3366,
0.3453

224.5608, 0.3224,
0.3357

8.9584, 0.3413,
0.3484

271.8937, 0.3218,
0.3353

4.7140, 0.3481,
0.3529

325.4500, 0.3213,

2.0805, 0.3593,

0.3350

385.6142, 0.3208,
0.3346

0.3600

0.6536, 0.4132,
0.3994

0.0000, 0.0000,
0.0000

67.7954, 0.3272,
0.3390

67.7954, 0.3272,
0.3390

60.8362, 0.3458,
0.3508

75.3859, 0.3111,
0.3279

54.4824, 0.3671,
0.3631

83.6149, 0.2972,
0.3175

48.7191, 0.3912,
0.3753

91.4139, 0.2939,
0.3239

43.5276, 0.4180,
0.3869

94.5896, 0.2940,
0.3289

■ 38.8880, 0.4470,
0.3968

■ 34.7789, 0.4770,
0.4038

■ 31.1772, 0.5063,
0.4066

■ 28.0570, 0.5328,
0.4042

■ 25.3850, 0.5550,
0.3966

Harmonies

Analogous

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



67.7954, 0.3274, 0.3333



67.7954, 0.3272, 0.3390



67.7954, 0.3231, 0.3421

Triad

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



67.7954, 0.3272, 0.3390



67.7954, 0.3019, 0.3314



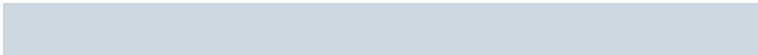
67.7954, 0.3091, 0.3167

Complementary

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



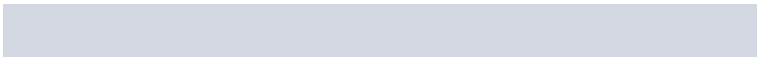
67.7954, 0.3272, 0.3390



66.8193, 0.2989, 0.3188

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.



67.7954, 0.3024, 0.3161



67.7954, 0.3272, 0.3390



67.7954, 0.2983, 0.3245

Square

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



67.7954, 0.3272, 0.3390



67.7954, 0.3085, 0.3377



67.7954, 0.2984, 0.3189



67.7954, 0.3169, 0.3205

Rectangle

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



67.7954, 0.3272, 0.3390



67.7954, 0.3187, 0.3423



67.7954, 0.2984, 0.3189



67.7954, 0.3066, 0.3161

Sweetspot

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



67.7984, 0.3272, 0.3390



96.8624, 0.3174, 0.3323



63.9362, 0.3202, 0.3169



20.5559, 0.3187, 0.3332



0.0000, 0.0000, 0.0000



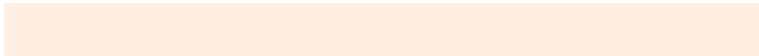
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7984, 0.3272, 0.3390



88.8740, 0.3310, 0.3415



72.9909, 0.3261, 0.3498



14.7114, 0.3281, 0.3396



14.8450, 0.5547, 0.3977



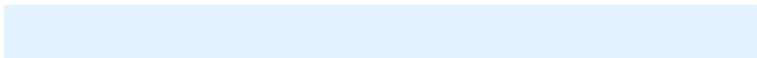
1.2059, 0.5287, 0.4184

Inverse Universe

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



66.8193, 0.2989, 0.3188



87.2700, 0.2956, 0.3162



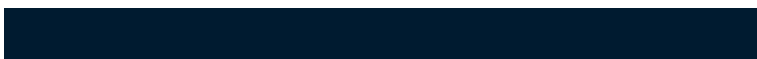
61.8760, 0.2989, 0.3073



14.4865, 0.2981, 0.3182



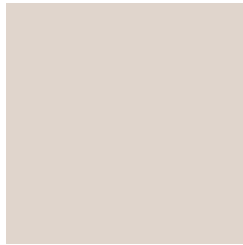
11.6361, 0.1820, 0.1753



0.9847, 0.1892, 0.2010

Previews

White Background



This preview shows how the Yxy color 67.7954, 0.3272, 0.3390 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 67.7954, 0.3272, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

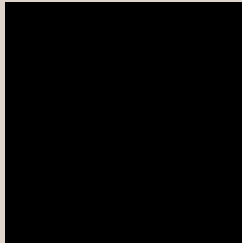
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.7954, 0.3272, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 67.7954, 0.3272, 0.3390.

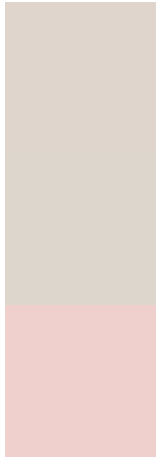


This preview shows how white text looks on a background with the Yxy color 67.7954, 0.3272, 0.3390.

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

67.7954, 0.3272, 0.3390

Protanopia

67.8249, 0.3248, 0.3402

Deuteranopia

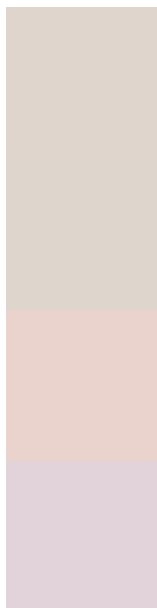
67.8703, 0.3387, 0.3323



Tritanopia

67.9151, 0.3143, 0.3118

Trichromacy



Original Color

67.7954, 0.3272, 0.3390

Protanomaly

67.9824, 0.3256, 0.3401

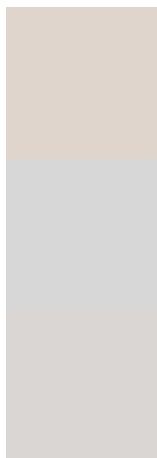
Deuteranomaly

67.9934, 0.3345, 0.3345

Tritanomaly

67.8192, 0.3190, 0.3214

Monochromacy



Original Color

67.7954, 0.3272, 0.3390

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7017, 0.3177, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7954, 0.3272, 0.3390 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(224, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 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(224, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 204) }
```

Border

The CSS property to change the border of an element to Yxy 67.7954, 0.3272, 0.3390 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(224, 213, 204) }
```

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

```
.border{ border-color:rgb(224, 213, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7954, 0.3272, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 204) }
```

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

```
.background{ background-color: rgb(224,  
213, 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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