

Converting Colors

$Yxy(70.5041, 0.3273, 0.3383)$

Have a look what the booklet for
Yxy(70.5041, 0.3273, 0.3383)
contains.

Yxy(70.6738, 0.3269, 0.3388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.6738, 0.3269, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	E4D9D0
RGB	228, 217, 208
RGB Percent	89%, 85%, 82%
CMY	0.1059, 0.1490, 0.1842
CMYK	0.00, 0.05, 0.09, 0.11
HSL	27°, 27%, 85%
HSV	27°, 9%, 89%
XYZ	68.1915, 70.6738, 69.7351
YIQ	219.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

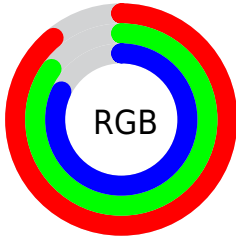
Format	Color
R _Y B	228, 224, 208
Decimal	14997968
CIE Lab	87.33, 2.24, 5.75
CIE LCh	87, 6.173, 68.735
Yxy	70.6738, 0.3269, 0.3388
Android (android.graphics.Color)	4293188048 (0xFFE4D9D0)
YUV	219.2630, -5.5527, 7.6623
Hunter-Lab	84.0677, -2.3284, 9.6657

Details

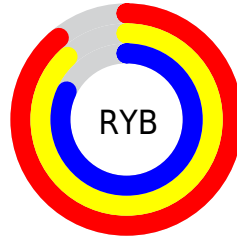
The Yxy color **70.6738, 0.3269, 0.3388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6767, 0.2992, 0.3190**, and the grayscale version is **71.0663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0580, 0.3305, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **63.4144, 0.3454, 0.3506**, and if you desaturate by 10%, it is **78.5917, 0.3108, 0.3277**.

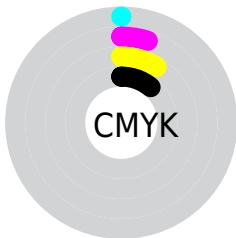
Distribution



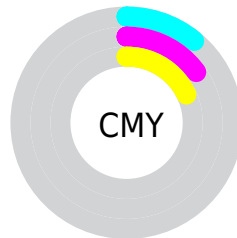
- Red (89%)
- Green (85%)
- Blue (82%)



- Red (89%)
- Yellow (88%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6738, 0.3269, 0.3388 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 70.6738, 0.3269, 0.3388 by changing the saturation by 10% instead.

70.6738, 0.3269,
0.3388

70.6738, 0.3269,
0.3388

462.9123, 0.3203,
0.3343

52.0760, 0.3284,
0.3398

120.1691, 0.3246,
0.3372

37.0657, 0.3303,
0.3411

151.8355, 0.3237,
0.3366

25.2584, 0.3327,
0.3427

188.6269, 0.3229,
0.3361

16.2696, 0.3359,
0.3449

230.9276, 0.3223,
0.3356

9.7152, 0.3403,
0.3478

279.1221, 0.3217,
0.3352

5.2105, 0.3467,
0.3520

333.5948, 0.3212,

2.3713, 0.3570,

0.3349

394.7301, 0.3207,
0.3346

0.3585

0.8111, 0.3899,
0.3830

0.0000, 0.0000,
0.0000

70.6738, 0.3269,
0.3388

70.6738, 0.3269,
0.3388

63.4144, 0.3454,
0.3506

78.5917, 0.3108,
0.3277

56.7864, 0.3667,
0.3629

87.1757, 0.2970,
0.3173

50.7746, 0.3908,
0.3751

94.9880, 0.2964,
0.3286

45.3591, 0.4176,
0.3867

95.2317, 0.2964,
0.3290

■ 40.5194, 0.4466,
0.3966

■ 36.2331, 0.4766,
0.4037

■ 32.4760, 0.5060,
0.4066

■ 29.2214, 0.5326,
0.4042

■ 26.4349, 0.5548,
0.3967

Harmonies

Analogous

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



70.6738, 0.3271, 0.3332



70.6738, 0.3269, 0.3388



70.6738, 0.3229, 0.3419

Triad

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



70.6738, 0.3269, 0.3388



70.6738, 0.3022, 0.3313



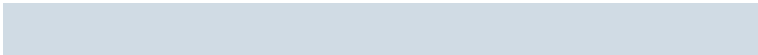
70.6738, 0.3092, 0.3170

Complementary

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



70.6738, 0.3269, 0.3388



69.6767, 0.2992, 0.3190

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.



70.6738, 0.3026, 0.3163



70.6738, 0.3269, 0.3388



70.6738, 0.2986, 0.3246

Square

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



70.6738, 0.3269, 0.3388



70.6738, 0.3086, 0.3376



70.6738, 0.2987, 0.3191



70.6738, 0.3168, 0.3207

Rectangle

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



70.6738, 0.3269, 0.3388



70.6738, 0.3186, 0.3420



70.6738, 0.2987, 0.3191



70.6738, 0.3068, 0.3164

Sweetspot

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



70.6769, 0.3269, 0.3388



96.8624, 0.3174, 0.3323



66.7289, 0.3200, 0.3171



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.



70.6769, 0.3269, 0.3388



88.8741, 0.3310, 0.3415



75.9784, 0.3258, 0.3494



15.4309, 0.3281, 0.3396



15.3125, 0.5549, 0.3976



1.3149, 0.5302, 0.4172

Inverse Universe

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



69.6767, 0.2992, 0.3190



87.2699, 0.2956, 0.3162



64.6247, 0.2992, 0.3077



15.1944, 0.2981, 0.3182



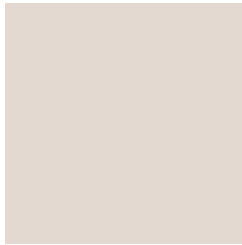
11.9985, 0.1820, 0.1751



1.0716, 0.1888, 0.1995

Previews

White Background



This preview shows how the Yxy color 70.6738, 0.3269, 0.3388 looks on a white background.

Color Contrast Check

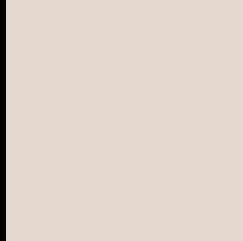
Large Text (above 18pt) WCAG AA × Fail

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 70.6738, 0.3269, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

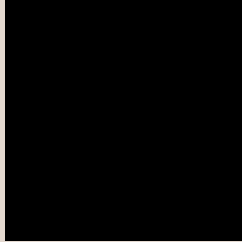
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

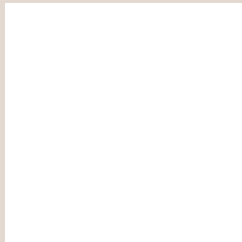
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6738, 0.3269, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 70.6738, 0.3269, 0.3388.

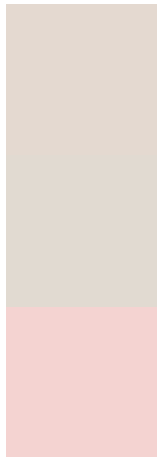


This preview shows how white text looks on a background with the Yxy color 70.6738, 0.3269, 0.3388.

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

70.6738, 0.3269, 0.3388

Protanopia

70.7538, 0.3239, 0.3389

Deuteranopia

70.4251, 0.3391, 0.3312



Tritanopia

70.7952, 0.3142, 0.3121

Trichromacy



Original Color

70.6738, 0.3269, 0.3388

Protanomaly

70.9150, 0.3246, 0.3388

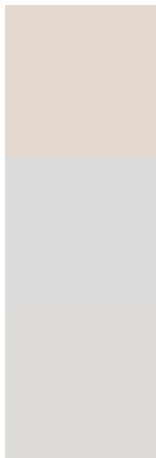
Deuteranomaly

70.3691, 0.3342, 0.3333

Tritanomaly

70.6978, 0.3189, 0.3215

Monochromacy



Original Color

70.6738, 0.3269, 0.3388

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5787, 0.3176, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6738, 0.3269, 0.3388 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(228, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 208)  
}
```

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(228, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 208) }
```

Border

The CSS property to change the border of an element to Yxy 70.6738, 0.3269, 0.3388 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(228, 217, 208) }
```

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

```
.border{ border-color:rgb(228, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6738, 0.3269, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 208) }
```

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

```
.background{ background-color: rgb(228,  
217, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor