

Converting Colors

$Yxy(70.5809, 0.3265, 0.3433)$

Have a look what the booklet for
Yxy(70.5809, 0.3265, 0.3433)
contains.

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Color

Yxy(70.5581, 0.3267, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	E1DACD
RGB	225, 218, 205
RGB Percent	88%, 85%, 80%
CMY	0.1175, 0.1451, 0.1962
CMYK	0.00, 0.03, 0.09, 0.12
HSL	39°, 25%, 84%
HSV	39°, 9%, 88%
XYZ	67.1463, 70.5581, 67.8246
YIQ	218.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

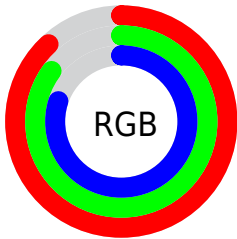
Format	Color
R _Y B	216, 225, 205
Decimal	14801613
CIE Lab	87.27, 0.18, 7.24
CIE LCh	87, 7.247, 88.549
Yxy	70.5581, 0.3267, 0.3433
Android (android.graphics.Color)	4292991693 (0xFFE1DACD)
YUV	218.6110, -6.7102, 5.6032
Hunter-Lab	83.9989, -4.3102, 10.9257

Details

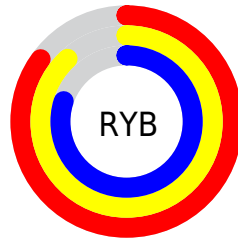
The Yxy color **70.5581, 0.3267, 0.3433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5058, 0.2990, 0.3143**, and the grayscale version is **70.6012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9748, 0.3302, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **65.5565, 0.3440, 0.3601**, and if you desaturate by 10%, it is **75.9170, 0.3111, 0.3273**.

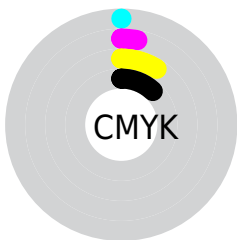
Distribution



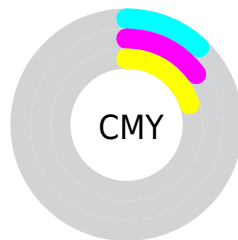
- Red (88%)
- Green (85%)
- Blue (80%)



- Red (85%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5581, 0.3267, 0.3433 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 70.5581, 0.3267, 0.3433 by changing the saturation by 10% instead.

■ 70.5581, 0.3267,
0.3433

■ 70.5581, 0.3267,
0.3433

462.5072, 0.3202,
0.3366

■ 51.9817, 0.3282,
0.3448

120.0043, 0.3244,
0.3410

■ 36.9905, 0.3301,
0.3467

151.6428, 0.3236,
0.3401

■ 25.2001, 0.3324,
0.3491

188.4042, 0.3228,
0.3393

■ 16.2262, 0.3355,
0.3523

230.6728, 0.3221,
0.3386

■ 9.6844, 0.3398,
0.3567

278.8330, 0.3216,
0.3381

■ 5.1902, 0.3461,
0.3630

333.2692, 0.3210,

■ 2.3593, 0.3560,

0.3375

0.3731

394.3658, 0.3206,
0.3371

0.8048, 0.3958,
0.4140

0.0000, 0.0000,
0.0000

70.5581, 0.3267,
0.3433

70.5581, 0.3267,
0.3433

65.5565, 0.3440,
0.3601

75.9170, 0.3111,
0.3273

60.8935, 0.3630,
0.3773

81.6328, 0.2971,
0.3123

56.5625, 0.3834,
0.3944

86.5388, 0.2944,
0.3154

52.5528, 0.4048,
0.4106

91.3286, 0.2945,
0.3235

■ 48.8534, 0.4266,
0.4249

■ 94.7520, 0.2946,
0.3289

■ 45.4518, 0.4478,
0.4361

■ 42.3343, 0.4673,
0.4432

■ 39.4854, 0.4841,
0.4452

■ 36.8824, 0.4977,
0.4423

Harmonies

Analogous

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



70.5581, 0.3300, 0.3385



70.5581, 0.3267, 0.3433



70.5581, 0.3196, 0.3443

Triad

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



70.5581, 0.3267, 0.3433



70.5581, 0.2971, 0.3264



70.5581, 0.3145, 0.3174

Complementary

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



70.5581, 0.3267, 0.3433



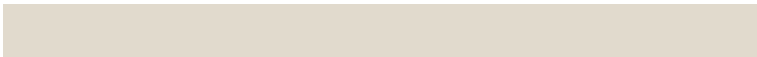
65.5058, 0.2990, 0.3143

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.



70.5581, 0.3057, 0.3142



70.5581, 0.3267, 0.3433



70.5581, 0.2957, 0.3192

Square

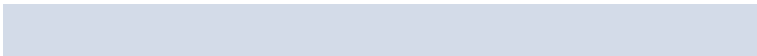
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5581, 0.3267, 0.3433



70.5581, 0.3026, 0.3344



70.5581, 0.2988, 0.3148



70.5581, 0.3229, 0.3236

Rectangle

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



70.5581, 0.3267, 0.3433



70.5581, 0.3138, 0.3426



70.5581, 0.2988, 0.3148



70.5581, 0.3114, 0.3160

Sweetspot

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



70.5612, 0.3267, 0.3433



97.8176, 0.3173, 0.3338



64.4357, 0.3228, 0.3209



20.8137, 0.3186, 0.3351



0.0000, 0.0000, 0.0000



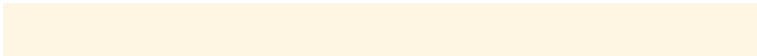
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5612, 0.3267, 0.3433



92.2083, 0.3303, 0.3469



73.8579, 0.3240, 0.3510



15.1784, 0.3276, 0.3442



21.3178, 0.4976, 0.4431



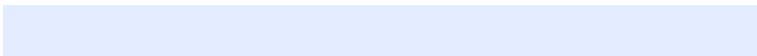
1.6437, 0.4825, 0.4551

Inverse Universe

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



65.5058, 0.2990, 0.3143



83.9864, 0.2955, 0.3105



62.4510, 0.3009, 0.3063



14.0255, 0.2981, 0.3133



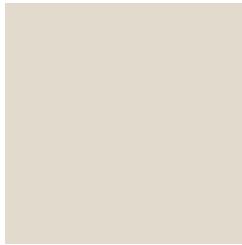
6.5442, 0.1647, 0.1130



0.6176, 0.1734, 0.1441

Previews

White Background



This preview shows how the Yxy color 70.5581, 0.3267, 0.3433 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 70.5581, 0.3267, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

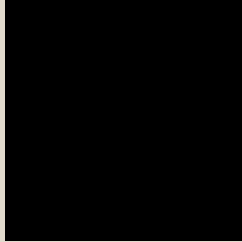
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

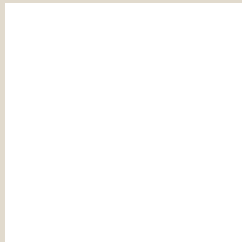
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5581, 0.3267, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 70.5581, 0.3267, 0.3433.

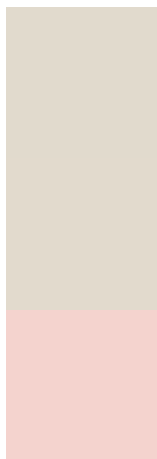


This preview shows how white text looks on a background with the Yxy color 70.5581, 0.3267, 0.3433.

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

70.5581, 0.3267, 0.3433

Protanopia

70.7193, 0.3274, 0.3433

Deuteranopia

70.2779, 0.3413, 0.3343



Tritanopia

70.5207, 0.3121, 0.3110

Trichromacy



Original Color

70.5581, 0.3267, 0.3433

Protanomaly

70.7193, 0.3274, 0.3433

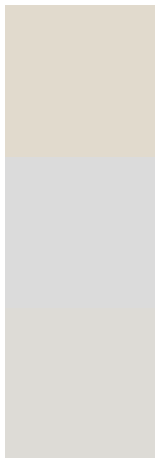
Deuteranomaly

70.5539, 0.3355, 0.3376

Tritanomaly

70.3688, 0.3174, 0.3215

Monochromacy



Original Color

70.5581, 0.3267, 0.3433

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8902, 0.3175, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5581, 0.3267, 0.3433 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(225, 218, 205)` looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 205)  
}
```

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(225, 218, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 205) }
```

Border

The CSS property to change the border of an element to Yxy 70.5581, 0.3267, 0.3433 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(225, 218, 205) }
```

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

```
.border{ border-color:rgb(225, 218, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 205);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5581, 0.3267, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 205) }
```

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

```
.background{ background-color: rgb(225,  
218, 205) }
```

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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