

Converting Colors

$Yxy(70.9050, 0.3363, 0.3486)$

Have a look what the booklet for
Yxy(70.9050, 0.3363, 0.3486)
contains.

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Color

Yxy(70.9050, 0.3363, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	E8D9C7
RGB	232, 217, 199
RGB Percent	91%, 85%, 78%
CMY	0.0901, 0.1490, 0.2197
CMYK	0.00, 0.06, 0.14, 0.09
HSL	33°, 42%, 85%
HSV	33°, 14%, 91%
XYZ	68.4032, 70.9050, 64.0911
YIQ	219.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

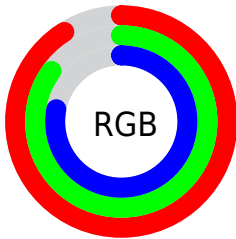
Format	Color
RYB	227, 232, 199
Decimal	15260103
CIELab	87.44, 2.22, 10.73
CIELCh	87, 10.956, 78.328
Yxy	70.9050, 0.3363, 0.3486
Android (android.graphics.Color)	4293450183 (0xFFE8D9C7)
YUV	219.4330, -10.0735, 11.0213
Hunter-Lab	84.2051, -2.3562, 13.8161

Details

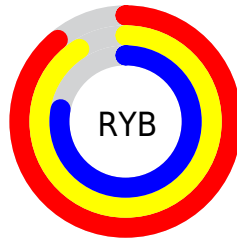
The Yxy color **70.9050, 0.3363, 0.3486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0536, 0.2904, 0.3086**, and the grayscale version is **71.2208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1151, 0.3419, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **64.6476, 0.3555, 0.3631**, and if you desaturate by 10%, it is **77.6804, 0.3193, 0.3347**.

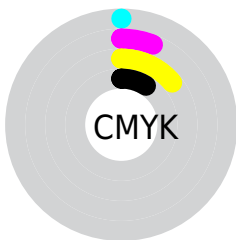
Distribution



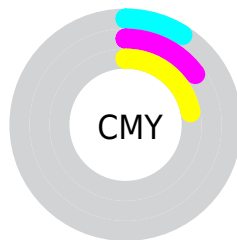
- Red (91%)
- Green (85%)
- Blue (78%)



- Red (89%)
- Yellow (91%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9050, 0.3363, 0.3486 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 70.9050, 0.3363, 0.3486 by changing the saturation by 10% instead.

70.9050, 0.3363,
0.3486

70.9050, 0.3363,
0.3486

463.7213, 0.3253,
0.3395

52.2647, 0.3388,
0.3507

120.4984, 0.3325,
0.3455

37.2161, 0.3420,
0.3532

152.2204, 0.3310,
0.3442

25.3748, 0.3460,
0.3565

189.0716, 0.3297,
0.3432

16.3565, 0.3512,
0.3607

231.4365, 0.3286,
0.3423

9.7768, 0.3584,
0.3664

279.6996, 0.3276,
0.3415

5.2512, 0.3689,
0.3746

334.2451, 0.3268,

2.3954, 0.3854,

0.3407

395.4575, 0.3260,
0.3401

0.3873

0.8235, 0.4631,
0.4558

0.0000, 0.0000,
0.0000

70.9050, 0.3363,
0.3486

70.9050, 0.3363,
0.3486

64.6476, 0.3555,
0.3631

77.6804, 0.3193,
0.3347

58.8848, 0.3768,
0.3779

84.9777, 0.3044,
0.3216

53.6054, 0.4003,
0.3922

91.9072, 0.2987,
0.3226

48.7937, 0.4252,
0.4053

95.9003, 0.2988,
0.3290

■ 44.4331, 0.4510,
0.4160

■ 40.5055, 0.4762,
0.4230

■ 36.9910, 0.4995,
0.4251

■ 33.8663, 0.5193,
0.4218

■ 32.2291, 0.5293,
0.4179

Harmonies

Analogous

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



70.9050, 0.3390, 0.3397



70.9050, 0.3363, 0.3486



70.9050, 0.3272, 0.3524

Triad

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



70.9050, 0.3363, 0.3486



70.9050, 0.2914, 0.3291



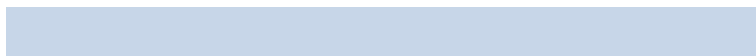
70.9050, 0.3106, 0.3094

Complementary

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



70.9050, 0.3363, 0.3486



66.0536, 0.2904, 0.3086

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.



70.9050, 0.2981, 0.3064



70.9050, 0.3363, 0.3486



70.9050, 0.2872, 0.3174

Square

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



70.9050, 0.3363, 0.3486



70.9050, 0.3013, 0.3410



70.9050, 0.2896, 0.3092



70.9050, 0.3240, 0.3174

Rectangle

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



70.9050, 0.3363, 0.3486



70.9050, 0.3189, 0.3513



70.9050, 0.2896, 0.3092



70.9050, 0.3062, 0.3078

Sweetspot

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



70.9081, 0.3363, 0.3486



96.4382, 0.3189, 0.3344



62.8661, 0.3273, 0.3123



20.5009, 0.3202, 0.3354



0.0000, 0.0000, 0.0000



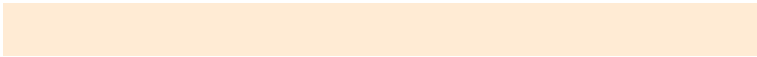
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9081, 0.3363, 0.3486



85.5832, 0.3415, 0.3527



78.8266, 0.3333, 0.3643



15.6644, 0.3279, 0.3418



18.1429, 0.5271, 0.4197



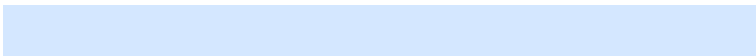
1.5259, 0.5071, 0.4356

Inverse Universe

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



66.0536, 0.2904, 0.3086



78.5142, 0.2858, 0.3041



58.9469, 0.2906, 0.2912



14.9607, 0.2981, 0.3158



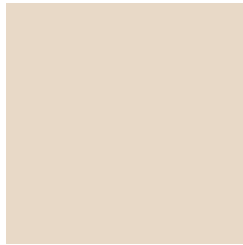
9.1381, 0.1732, 0.1434



0.8589, 0.1809, 0.1712

Previews

White Background



This preview shows how the Yxy color 70.9050, 0.3363, 0.3486 looks on a white background.

Color Contrast Check

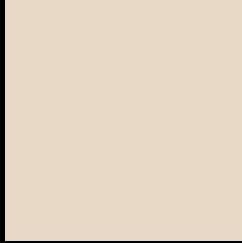
Large Text (above 18pt) WCAG AA × Fail

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 70.9050, 0.3363, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

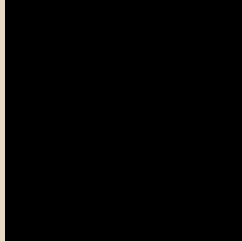
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9050, 0.3363, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 70.9050, 0.3363, 0.3486.

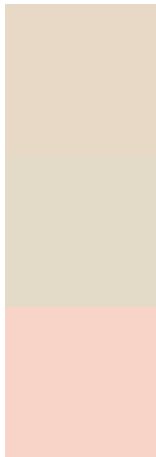


This preview shows how white text looks on a background with the Yxy color 70.9050, 0.3363, 0.3486.

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

70.9050, 0.3363, 0.3486

Protanopia

70.8069, 0.3324, 0.3487

Deuteranopia

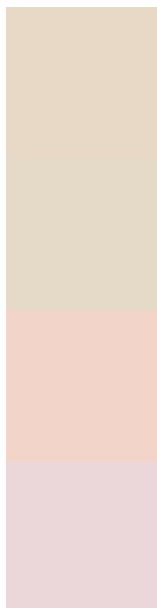
70.5328, 0.3481, 0.3406



Tritanopia

71.0785, 0.3186, 0.3123

Trichromacy



Original Color

70.9050, 0.3363, 0.3486

Protanomaly

70.9710, 0.3331, 0.3487

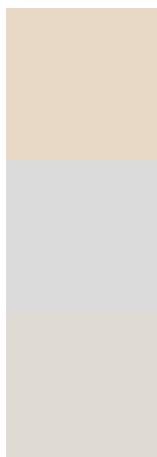
Deuteranomaly

70.6359, 0.3438, 0.3429

Tritanomaly

70.8173, 0.3255, 0.3248

Monochromacy



Original Color

70.9050, 0.3363, 0.3486

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7436, 0.3211, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9050, 0.3363, 0.3486 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(232, 217, 199)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 199)  
}
```

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(232, 217, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 199) }
```

Border

The CSS property to change the border of an element to Yxy 70.9050, 0.3363, 0.3486 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(232, 217, 199) }
```

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

```
.border{ border-color:rgb(232, 217, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 199);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9050, 0.3363, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 199) }
```

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

```
.background{ background-color: rgb(232,  
217, 199) }
```

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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