

Converting Colors

$Yxy(71.1044, 0.3469, 0.3609)$

Have a look what the booklet for
Yxy(71.1044, 0.3469, 0.3609)
contains.

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Color

Yxy(70.9187, 0.3464, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	EBD9BC
RGB	235, 217, 188
RGB Percent	92%, 85%, 74%
CMY	0.0785, 0.1490, 0.2628
CMYK	0.00, 0.08, 0.20, 0.08
HSL	37°, 54%, 83%
HSV	37°, 20%, 92%
XYZ	68.1449, 70.9187, 57.6596
YIQ	219.0760, 20.0370, -5.2030

Conversions

Conversions Part 2

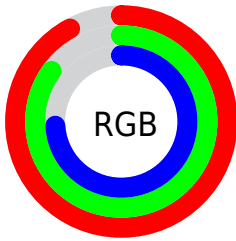
Format	Color
R_{YB}	217, 235, 188
Decimal	15456700
CIE _{Lab}	87.45, 1.62, 16.55
CIE _{LCh}	87, 16.626, 84.397
Yxy	70.9187, 0.3464, 0.3605
Android (android.graphics.Color)	4293646780 (0xFFEBD9BC)
YUV	219.0760, -15.3205, 13.9653
Hunter-Lab	84.2132, -2.9319, 18.3543

Details

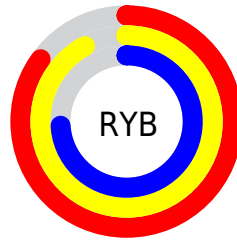
The Yxy color **70.9187, 0.3464, 0.3605** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.8034, 0.2807, 0.2954**, and the grayscale version is **70.9913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **37.1736, 0.3544, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **65.4833, 0.3660, 0.3770**, and if you desaturate by 10%, it is **76.7776, 0.3286, 0.3444**.

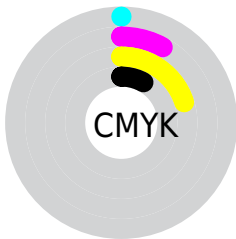
Distribution



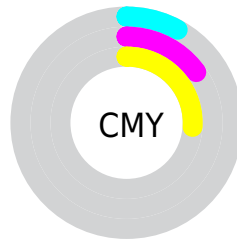
- Red (92%)
- Green (85%)
- Blue (74%)



- Red (85%)
- Yellow (92%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9187, 0.3464, 0.3605 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 70.9187, 0.3464, 0.3605 by changing the saturation by 10% instead.


 70.9187, 0.3464,
0.3605

 70.9187, 0.3464,
0.3605


463.7692, 0.3307,
0.3459

 52.2759, 0.3500,
0.3638


 120.5180, 0.3409,
0.3555

 37.2250, 0.3544,
0.3679


152.2432, 0.3388,
0.3535

 25.3817, 0.3601,
0.3731


189.0979, 0.3370,
0.3518

 16.3617, 0.3674,
0.3798

231.4667, 0.3354,
0.3503

 9.7805, 0.3774,
0.3888

279.7338, 0.3340,
0.3490

 5.2536, 0.3917,
0.4016

334.2836, 0.3328,

 2.3968, 0.4134,

0.3479

0.4206

395.5006, 0.3317,
0.3469

0.8243, 0.4996,
0.5004

0.0000, 0.0000,
0.0000

70.9187, 0.3464,
0.3605

70.9187, 0.3464,
0.3605

65.4833, 0.3660,
0.3770

76.7776, 0.3286,
0.3444

60.4499, 0.3872,
0.3934

83.0618, 0.3127,
0.3290

55.8090, 0.4096,
0.4088

89.5596, 0.3005,
0.3180

51.5469, 0.4325,
0.4221

95.0974, 0.3005,
0.3269

■ 47.6489, 0.4550,
0.4323

■ 96.3996, 0.3005,
0.3290

■ 44.0984, 0.4757,
0.4381

■ 40.8765, 0.4936,
0.4387

■ 37.9555, 0.5084,
0.4345

Harmonies

Analogous

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



70.9187, 0.3528, 0.3480



70.9187, 0.3464, 0.3605



70.9187, 0.3309, 0.3647

Triad

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



70.9187, 0.3464, 0.3605



70.9187, 0.2785, 0.3251



70.9187, 0.3136, 0.3016

Complementary

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



70.9187, 0.3464, 0.3605



60.8034, 0.2807, 0.2954

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.



70.9187, 0.2939, 0.2954



70.9187, 0.3464, 0.3605



70.9187, 0.2742, 0.3081

Square

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



70.9187, 0.3464, 0.3605



70.9187, 0.2918, 0.3439



70.9187, 0.2797, 0.2975



70.9187, 0.3335, 0.3146

Rectangle

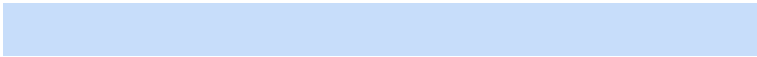
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9187, 0.3464, 0.3605



70.9187, 0.3177, 0.3619



70.9187, 0.2797, 0.2975



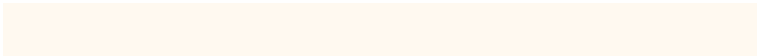
70.9187, 0.3067, 0.2987

Sweetspot

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



70.9219, 0.3464, 0.3605



95.3780, 0.3221, 0.3382



58.0719, 0.3376, 0.3094



20.3096, 0.3232, 0.3392



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.



70.9219, 0.3464, 0.3605



82.6357, 0.3542, 0.3673



79.7785, 0.3389, 0.3795



16.6035, 0.3277, 0.3435



21.3812, 0.5066, 0.4360



1.8639, 0.4913, 0.4481

Inverse Universe

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



60.8034, 0.2807, 0.2954



68.3905, 0.2737, 0.2875



53.3516, 0.2833, 0.2744



15.4929, 0.2980, 0.3140



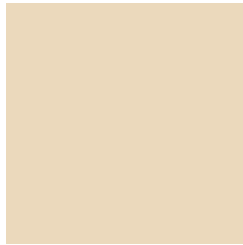
7.6213, 0.1671, 0.1214



0.7793, 0.1747, 0.1490

Previews

White Background



This preview shows how the Yxy color 70.9187, 0.3464, 0.3605 looks on a white background.

Color Contrast Check

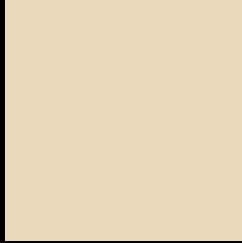
Large Text (above 18pt) WCAG AA × Fail

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 70.9187, 0.3464, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

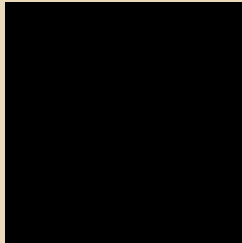
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

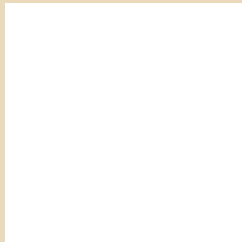
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9187, 0.3464, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 70.9187, 0.3464, 0.3605.

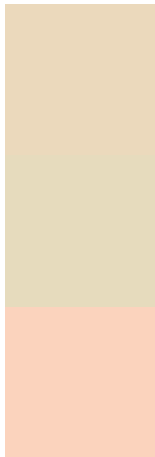


This preview shows how white text looks on a background with the Yxy color 70.9187, 0.3464, 0.3605.

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

70.9187, 0.3464, 0.3605

Protanopia

71.1602, 0.3415, 0.3619

Deuteranopia

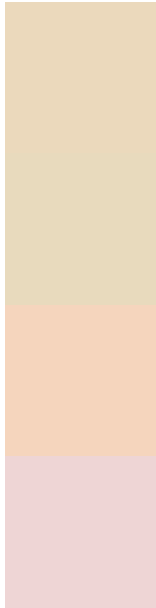
70.7719, 0.3595, 0.3520



Tritanopia

70.7152, 0.3224, 0.3113

Trichromacy



Original Color

70.9187, 0.3464, 0.3605

Protanomaly

70.9727, 0.3432, 0.3606

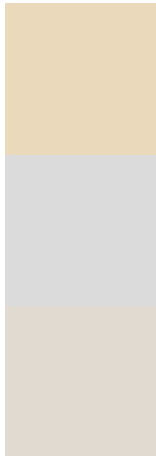
Deuteranomaly

70.6751, 0.3543, 0.3545

Tritanomaly

70.5697, 0.3314, 0.3291

Monochromacy



Original Color

70.9187, 0.3464, 0.3605

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7044, 0.3246, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9187, 0.3464, 0.3605 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(235, 217, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 217, 188)  
}
```

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(235, 217, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 217, 188) }
```

Border

The CSS property to change the border of an element to Yxy 70.9187, 0.3464, 0.3605 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(235, 217, 188) }
```

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

```
.border{ border-color:rgb(235, 217, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 217, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 217, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 217, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 217,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9187, 0.3464, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 217, 188) }
```

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

```
.background{ background-color: rgb(235,  
217, 188) }
```

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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