

Converting Colors

$Yxy(71.2894, 0.3514, 0.3584)$

Have a look what the booklet for
Yxy(71.2894, 0.3514, 0.3584)
contains.

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Color

Yxy(71.4433, 0.3512, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	F1D8BC
RGB	241, 216, 188
RGB Percent	95%, 85%, 74%
CMY	0.0549, 0.1529, 0.2626
CMYK	0.00, 0.10, 0.22, 0.05
HSL	32°, 65%, 84%
HSV	32°, 22%, 95%
XYZ	69.9105, 71.4433, 57.7080
YIQ	220.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

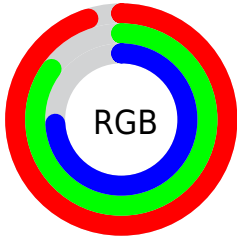
Format	Color
R _Y B	235, 241, 188
Decimal	15849660
CIE Lab	87.70, 4.36, 16.94
CIE LCh	88, 17.491, 75.571
Yxy	71.4433, 0.3512, 0.3589
Android (android.graphics.Color)	4294039740 (0xFFFF1D8BC)
YUV	220.2830, -15.9155, 18.1688
Hunter-Lab	84.5241, -0.2786, 18.6872

Details

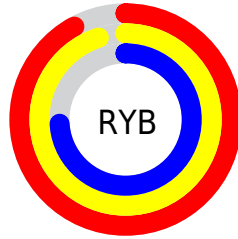
The Yxy color **71.4433, 0.3512, 0.3589** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64.6541, 0.2777, 0.2971**, and the grayscale version is **71.8823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **37.4294, 0.3598, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **64.8642, 0.3724, 0.3732**, and if you desaturate by 10%, it is **78.6059, 0.3323, 0.3449**.

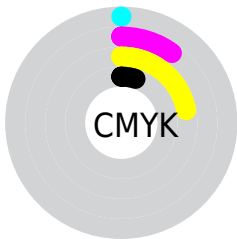
Distribution



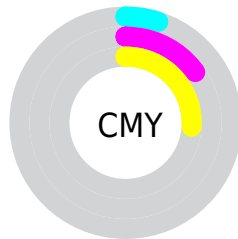
- Red (95%)
- Green (85%)
- Blue (74%)



- Red (92%)
- Yellow (95%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4433, 0.3512, 0.3589 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 71.4433, 0.3512, 0.3589 by changing the saturation by 10% instead.

 71.4433, 0.3512,
0.3589

 71.4433, 0.3512,
0.3589


465.6016, 0.3333,
0.3452

 52.7040, 0.3553,
0.3620


 121.2647, 0.3450,
0.3542

 37.5666, 0.3604,
0.3658


153.1157, 0.3425,
0.3523

 25.6465, 0.3669,
0.3705

190.1060, 0.3405,
0.3507

 16.5593, 0.3753,
0.3766

232.6200, 0.3386,
0.3494

 9.9208, 0.3867,
0.3848

281.0422, 0.3371,
0.3481

 5.3465, 0.4031,
0.3960

335.7570, 0.3356,

 2.4520, 0.4282,

0.3470

0.4122

397.1486, 0.3344,
0.3461

■ 0.8524, 0.5187,
0.4813

■ 0.0000, 0.0000,
0.0000

■ 71.4433, 0.3512,
0.3589

■ 71.4433, 0.3512,
0.3589

■ 64.8642, 0.3724,
0.3732

■ 78.6059, 0.3323,
0.3449

■ 58.8422, 0.3958,
0.3874

■ 86.3581, 0.3157,
0.3315

■ 53.3627, 0.4211,
0.4004

■ 94.3692, 0.3042,
0.3242

■ 48.4069, 0.4475,
0.4113

■ 97.4395, 0.3041,
0.3290

■ 43.9543, 0.4738,
0.4189

■ 39.9823, 0.4986,
0.4217

■ 36.4655, 0.5201,
0.4191

■ 33.9440, 0.5348,
0.4136

Harmonies

Analogous

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



71.4433, 0.3546, 0.3440



71.4433, 0.3512, 0.3589



71.4433, 0.3373, 0.3663

Triad

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



71.4433, 0.3512, 0.3589



71.4433, 0.2801, 0.3307



71.4433, 0.3072, 0.2976

Complementary

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



71.4433, 0.3512, 0.3589



64.6541, 0.2777, 0.2971

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.



71.4433, 0.2878, 0.2935



71.4433, 0.3512, 0.3589



71.4433, 0.2726, 0.3117

Square

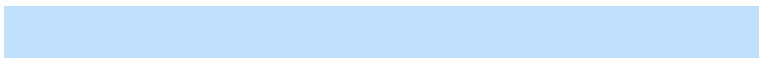
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4433, 0.3512, 0.3589



71.4433, 0.2962, 0.3499



71.4433, 0.2754, 0.2984



71.4433, 0.3287, 0.3093

Rectangle

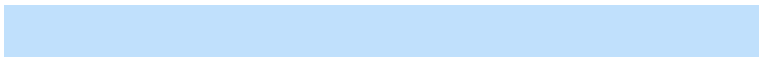
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4433, 0.3512, 0.3589



71.4433, 0.3242, 0.3655



71.4433, 0.2754, 0.2984



71.4433, 0.3002, 0.2953

Sweetspot

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



71.4465, 0.3512, 0.3589



93.6454, 0.3239, 0.3382



59.5227, 0.3364, 0.3018



19.9301, 0.3249, 0.3390



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.



71.4465, 0.3512, 0.3589



78.0762, 0.3596, 0.3648



85.0837, 0.3453, 0.3840



17.1405, 0.3280, 0.3415



18.6809, 0.5324, 0.4154



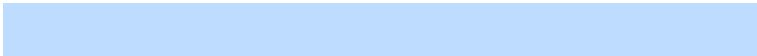
1.7532, 0.5135, 0.4305

Inverse Universe

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



64.6541, 0.2777, 0.2971



69.1821, 0.2709, 0.2903



53.1470, 0.2762, 0.2677



16.4591, 0.2980, 0.3162



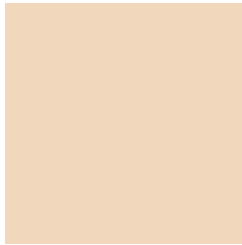
10.2040, 0.1746, 0.1486



1.0466, 0.1815, 0.1732

Previews

White Background



This preview shows how the Yxy color 71.4433, 0.3512, 0.3589 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 71.4433, 0.3512, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

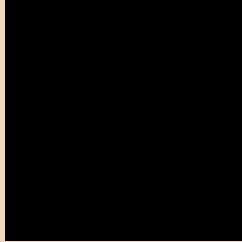
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

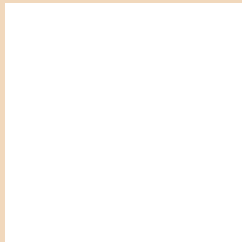
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4433, 0.3512, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 71.4433, 0.3512, 0.3589.



This preview shows how white text looks on a background with the Yxy color 71.4433, 0.3512, 0.3589.

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

71.4433, 0.3512, 0.3589

Protanopia

71.3697, 0.3415, 0.3607

Deuteranopia

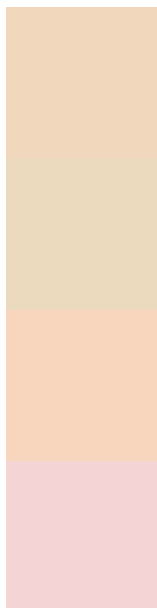
71.4565, 0.3600, 0.3530



Tritanopia

71.2321, 0.3277, 0.3116

Trichromacy



Original Color

71.4433, 0.3512, 0.3589

Protanomaly

71.4791, 0.3455, 0.3604

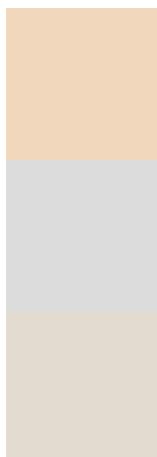
Deuteranomaly

71.2191, 0.3566, 0.3543

Tritanomaly

71.1242, 0.3360, 0.3280

Monochromacy



Original Color

71.4433, 0.3512, 0.3589

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7111, 0.3267, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4433, 0.3512, 0.3589 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(241, 216, 188)` looks like.

```
.text, #text, p{  
    color:rgb(241, 216, 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(241, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 216, 188) }
```

Border

The CSS property to change the border of an element to Yxy 71.4433, 0.3512, 0.3589 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(241, 216, 188) }
```

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

```
.border{ border-color:rgb(241, 216, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 216, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 216, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 216, 188);  
box-shadow:4px 4px 4px 4px rgb(241, 216,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4433, 0.3512, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 216, 188) }
```

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

```
.background{ background-color: rgb(241,  
216, 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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