

Converting Colors

$Y_{xy}(72.3779, 0.3485, 0.3501)$

Have a look what the booklet for
Yxy(72.3779, 0.3485, 0.3501)
contains.

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Color

Yxy(72.5097, 0.3485, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	F5D8C4
RGB	245, 216, 196
RGB Percent	96%, 85%, 77%
CMY	0.0392, 0.1529, 0.2313
CMYK	0.00, 0.12, 0.20, 0.04
HSL	24°, 71%, 86%
HSV	24°, 20%, 96%
XYZ	72.1783, 72.5097, 62.4234
YIQ	222.3910, 23.7040, -0.0720

Conversions

Conversions Part 2

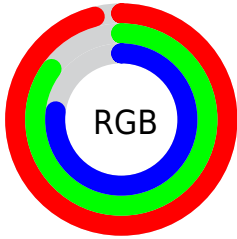
Format	Color
R _Y B	245, 230, 196
Decimal	16111812
CIE Lab	88.21, 6.97, 13.53
CIE LCh	88, 15.223, 62.734
Yxy	72.5097, 0.3485, 0.3501
Android (android.graphics.Color)	4294301892 (0xFFFF5D8C4)
YUV	222.3910, -13.0108, 19.8281
Hunter-Lab	85.1526, 2.2857, 16.1427

Details

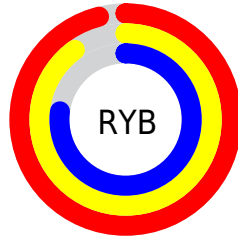
The Yxy color **72.5097, 0.3485, 0.3501** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1900, 0.2814, 0.3069**, and the grayscale version is **73.4218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **38.1341, 0.3571, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **64.3797, 0.3708, 0.3613**, and if you desaturate by 10%, it is **81.4845, 0.3292, 0.3392**.

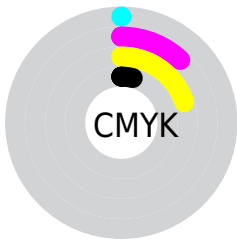
Distribution



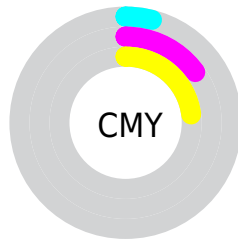
- Red (96%)
- Green (85%)
- Blue (77%)



- Red (96%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5097, 0.3485, 0.3501 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 72.5097, 0.3485, 0.3501 by changing the saturation by 10% instead.


 72.5097, 0.3485,
0.3501

 72.5097, 0.3485,
0.3501


469.3137, 0.3318,
0.3405

 53.5751, 0.3523,
0.3522


122.7809, 0.3427,
0.3468

 38.2621, 0.3571,
0.3548


154.8864, 0.3404,
0.3455

 26.1862, 0.3631,
0.3581

192.1509, 0.3385,
0.3444

 16.9630, 0.3710,
0.3622

234.9589, 0.3368,
0.3435

 10.2081, 0.3818,
0.3677

283.6948, 0.3353,
0.3426

 5.5372, 0.3973,
0.3753

338.7430, 0.3340,

 2.5657, 0.4215,

0.3418

400.4878, 0.3329,
0.3412

0.3861

0.9095, 0.5240,
0.4540

0.0000, 0.0000,
0.0000

72.5097, 0.3485,
0.3501

72.5097, 0.3485,
0.3501

64.3797, 0.3708,
0.3613

81.4845, 0.3292,
0.3392

57.0589, 0.3962,
0.3725

91.3187, 0.3127,
0.3290

50.5235, 0.4248,
0.3829

98.1535, 0.3066,
0.3290

44.7447, 0.4558,
0.3915

■ 39.6914, 0.4880,
0.3971

■ 35.3301, 0.5193,
0.3984

■ 31.6235, 0.5473,
0.3943

■ 28.5221, 0.5703,
0.3854

■ 28.5211, 0.5703,
0.3854

Harmonies

Analogous

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



72.5097, 0.3470, 0.3356



72.5097, 0.3485, 0.3501



72.5097, 0.3401, 0.3596

Triad

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



72.5097, 0.3485, 0.3501



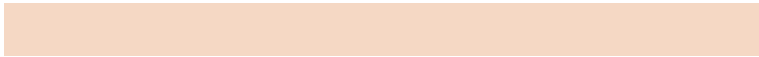
72.5097, 0.2897, 0.3379



72.5097, 0.3003, 0.2992

Complementary

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



72.5097, 0.3485, 0.3501



72.1900, 0.2814, 0.3069

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.



72.5097, 0.2856, 0.2990



72.5097, 0.3485, 0.3501



72.5097, 0.2796, 0.3208

Square

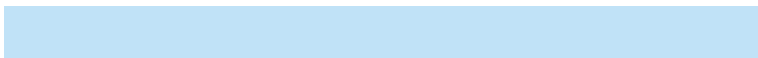
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5097, 0.3485, 0.3501



72.5097, 0.3060, 0.3529



72.5097, 0.2781, 0.3067



72.5097, 0.3187, 0.3068

Rectangle

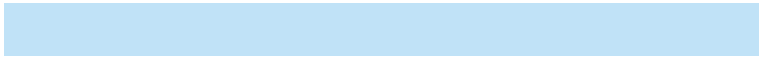
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5097, 0.3485, 0.3501



72.5097, 0.3302, 0.3615



72.5097, 0.2781, 0.3067



72.5097, 0.2948, 0.2983

Sweetspot

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



72.5130, 0.3485, 0.3501



93.4100, 0.3224, 0.3351



64.3582, 0.3295, 0.2985



19.8445, 0.3235, 0.3358



0.0000, 0.0000, 0.0000



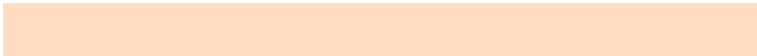
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5130, 0.3485, 0.3501



75.6892, 0.3572, 0.3546



85.7827, 0.3438, 0.3742



17.5927, 0.3283, 0.3387



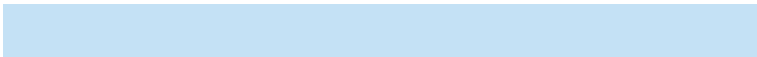
15.6200, 0.5675, 0.3876



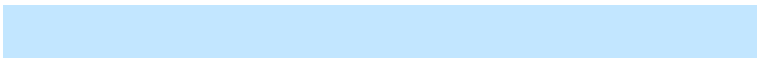
1.5695, 0.5448, 0.4056

Inverse Universe

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



72.1900, 0.2814, 0.3069



75.2731, 0.2749, 0.3019



60.0633, 0.2796, 0.2794



17.5577, 0.2980, 0.3191



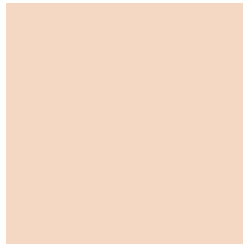
14.7465, 0.1860, 0.1894



1.4978, 0.1913, 0.2087

Previews

White Background



This preview shows how the Yxy color 72.5097, 0.3485, 0.3501 looks on a white background.

Color Contrast Check

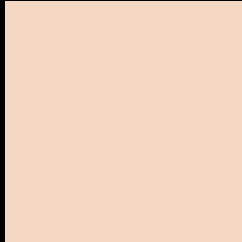
Large Text (above 18pt) WCAG AA × Fail

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 72.5097, 0.3485, 0.3501 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 72.5097, 0.3485, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 72.5097, 0.3485, 0.3501.

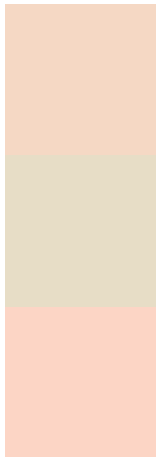


This preview shows how white text looks on a background with the Yxy color 72.5097, 0.3485, 0.3501.

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

72.5097, 0.3485, 0.3501

Protanopia

72.7790, 0.3356, 0.3539

Deuteranopia

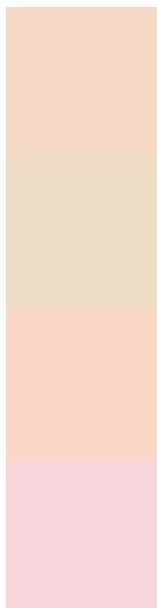
72.3152, 0.3538, 0.3457



Tritanopia

72.3297, 0.3291, 0.3117

Trichromacy



Original Color

72.5097, 0.3485, 0.3501

Protanomaly

72.5271, 0.3404, 0.3527

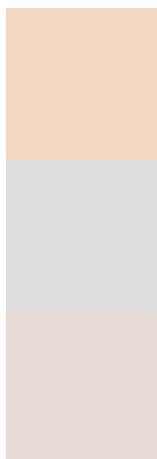
Deuteranomaly

72.2641, 0.3513, 0.3468

Tritanomaly

72.5028, 0.3368, 0.3260

Monochromacy



Original Color

72.5097, 0.3485, 0.3501

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8135, 0.3246, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5097, 0.3485, 0.3501 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(245, 216, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 216, 196)  
}
```

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(245, 216, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 216, 196) }
```

Border

The CSS property to change the border of an element to Yxy 72.5097, 0.3485, 0.3501 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(245, 216, 196) }
```

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

```
.border{ border-color:rgb(245, 216, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 216, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 216, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 216, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 216,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5097, 0.3485, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 216, 196) }
```

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

```
.background{ background-color: rgb(245,  
216, 196) }
```

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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