

Converting Colors

$Yxy(72.6901, 0.3493, 0.3501)$

Have a look what the booklet for
Yxy(72.6901, 0.3493, 0.3501)
contains.

Yxy(72.6901, 0.3493, 0.3501)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6901, 0.3493, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	F6D8C4
RGB	246, 216, 196
RGB Percent	96%, 85%, 77%
CMY	0.0353, 0.1529, 0.2315
CMYK	0.00, 0.12, 0.20, 0.04
HSL	24°, 74%, 87%
HSV	24°, 20%, 96%
XYZ	72.5240, 72.6901, 62.4126
YIQ	222.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

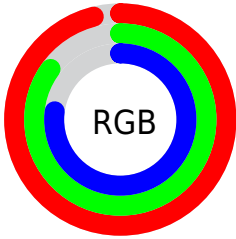
Format	Color
R _Y B	246, 229, 196
Decimal	16177348
CIE Lab	88.30, 7.33, 13.69
CIE LCh	88, 15.528, 61.838
Yxy	72.6901, 0.3493, 0.3501
Android (android.graphics.Color)	4294367428 (0xFFF6D8C4)
YUV	222.6900, -13.1582, 20.4429
Hunter-Lab	85.2585, 2.6363, 16.2783

Details

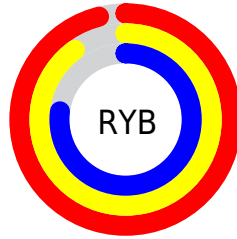
The Yxy color **72.6901, 0.3493, 0.3501** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7601, 0.2808, 0.3069**, and the grayscale version is **73.6435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **38.2615, 0.3581, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **64.4422, 0.3718, 0.3611**, and if you desaturate by 10%, it is **81.8065, 0.3299, 0.3394**.

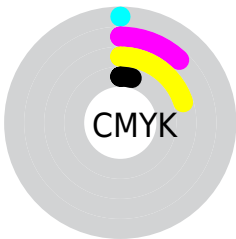
Distribution



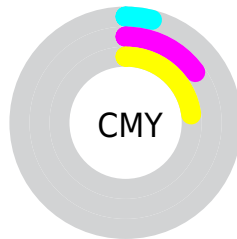
- Red (96%)
- Green (85%)
- Blue (77%)



- 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 72.6901, 0.3493, 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 72.6901, 0.3493, 0.3501 by changing the saturation by 10% instead.


 72.6901, 0.3493,
0.3501

 72.6901, 0.3493,
0.3501

469.9400, 0.3323,
0.3406

 53.7226, 0.3532,
0.3522


123.0372, 0.3434,
0.3468

 38.3799, 0.3581,
0.3548


155.1855, 0.3411,
0.3456

 26.2777, 0.3642,
0.3580


192.4963, 0.3391,
0.3444

 17.0315, 0.3723,
0.3622

235.3539, 0.3374,
0.3435

 10.2570, 0.3833,
0.3676

284.1426, 0.3359,
0.3426

 5.5697, 0.3991,
0.3751

339.2470, 0.3345,

 2.5852, 0.4238,

0.3418

0.3856

401.0513, 0.3333,
0.3412

0.9192, 0.5265,
0.4522

0.0000, 0.0000,
0.0000

72.6901, 0.3493,
0.3501

72.6901, 0.3493,
0.3501

64.4422, 0.3718,
0.3611

81.8065, 0.3299,
0.3394

57.0264, 0.3975,
0.3721

91.8071, 0.3132,
0.3293

50.4176, 0.4264,
0.3823

98.3339, 0.3072,
0.3290

44.5860, 0.4578,
0.3906

■ 39.4994, 0.4904,
0.3959

■ 35.1228, 0.5220,
0.3968

■ 31.4174, 0.5502,
0.3924

■ 28.4271, 0.5725,
0.3836

Harmonies

Analogous

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



72.6901, 0.3475, 0.3352



72.6901, 0.3493, 0.3501



72.6901, 0.3410, 0.3600

Triad

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



72.6901, 0.3493, 0.3501



72.6901, 0.2896, 0.3386



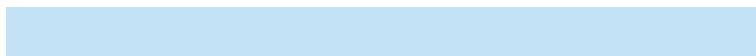
72.6901, 0.2995, 0.2985

Complementary

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



72.6901, 0.3493, 0.3501



72.7601, 0.2808, 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.



72.6901, 0.2847, 0.2986



72.6901, 0.3493, 0.3501



72.6901, 0.2792, 0.3212

Square

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



72.6901, 0.3493, 0.3501



72.6901, 0.3064, 0.3537



72.6901, 0.2774, 0.3066



72.6901, 0.3183, 0.3061

Rectangle

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



72.6901, 0.3493, 0.3501



72.6901, 0.3311, 0.3621



72.6901, 0.2774, 0.3066



72.6901, 0.2939, 0.2976

Sweetspot

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



72.6934, 0.3493, 0.3501



93.3400, 0.3224, 0.3350



64.5497, 0.3299, 0.2979



19.8280, 0.3235, 0.3356



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.



72.6934, 0.3493, 0.3501



75.4496, 0.3573, 0.3542



86.4897, 0.3444, 0.3750



17.5717, 0.3284, 0.3385



15.4292, 0.5696, 0.3859



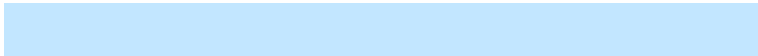
1.5515, 0.5467, 0.4041

Inverse Universe

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



72.7601, 0.2808, 0.3069



75.5299, 0.2750, 0.3024



60.1457, 0.2790, 0.2784



17.5793, 0.2980, 0.3193



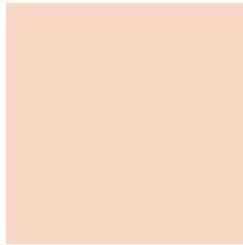
15.0519, 0.1867, 0.1921



1.5237, 0.1920, 0.2110

Previews

White Background



This preview shows how the Yxy color 72.6901, 0.3493, 0.3501 looks on a white background.

Color Contrast Check

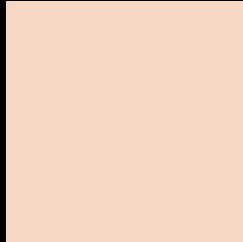
Large Text (above 18pt) WCAG AA × Fail

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 72.6901, 0.3493, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

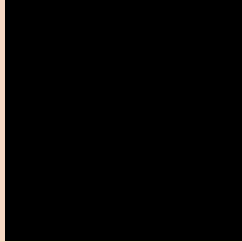
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6901, 0.3493, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 72.6901, 0.3493, 0.3501.



This preview shows how white text looks on a background with the Yxy color 72.6901, 0.3493, 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

72.6901, 0.3493, 0.3501

Protanopia

72.8253, 0.3349, 0.3528

Deuteranopia

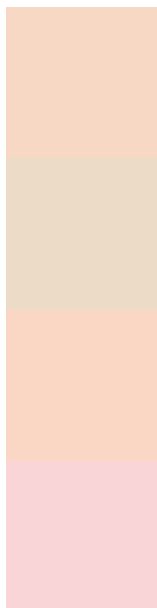
72.7741, 0.3543, 0.3477



Tritanopia

72.5140, 0.3299, 0.3118

Trichromacy



Original Color

72.6901, 0.3493, 0.3501

Protanomaly

72.5731, 0.3397, 0.3516

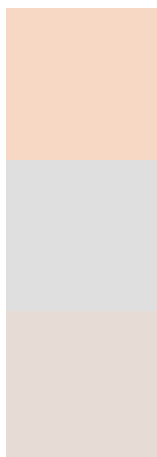
Deuteranomaly

72.9104, 0.3526, 0.3488

Tritanomaly

72.6861, 0.3375, 0.3260

Monochromacy



Original Color

72.6901, 0.3493, 0.3501

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9794, 0.3254, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6901, 0.3493, 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(246, 216, 196)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 216, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 216, 196) }
```

Border

The CSS property to change the border of an element to Yxy 72.6901, 0.3493, 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(246, 216, 196) }
```

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

```
.border{ border-color:rgb(246, 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(246, 216, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 216, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 216, 196); box-shadow:4px 4px 4px 4px rgb(246, 216, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6901, 0.3493, 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(246, 216, 196) }
```

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

```
.background{ background-color: rgb(246,  
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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