

Converting Colors

$Y_{xy}(72.1860, 0.3532, 0.3619)$

Have a look what the booklet for
Yxy(72.1860, 0.3532, 0.3619)
contains.

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Color

Yxy(72.0481, 0.3532, 0.3621)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2D9BA |
| RGB | 242, 217, 186 |
| RGB Percent | 95%, 85%, 73% |
| CMY | 0.0512, 0.1489, 0.2706 |
| CMYK | 0.00, 0.10, 0.23, 0.05 |
| HSL | 33°, 68%, 84% |
| HSV | 33°, 23%, 95% |
| XYZ | 70.2772, 72.0481, 56.6476 |
| YIQ | 220.9410, 24.8510, -4.3410 |

Conversions

Conversions Part 2

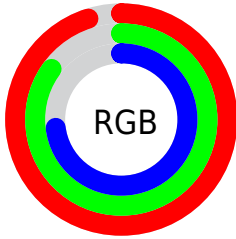
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 242, 186 |
| Decimal | 15915450 |
| CIE Lab | 87.99, 3.89, 18.44 |
| CIE LCh | 88, 18.846, 78.092 |
| Yxy | 72.0481, 0.3532, 0.3621 |
| Android (android.graphics.Color) | 4294105530 (0xFFFF2D9BA) |
| YUV | 220.9410, -17.2259, 18.4687 |
| Hunter-Lab | 84.8812, -0.7532, 19.8481 |

Details

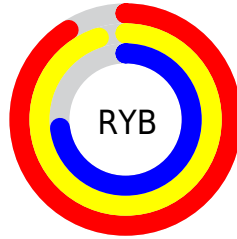
The Yxy color **72.0481, 0.3532, 0.3621** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63.3827, 0.2757, 0.2935**, and the grayscale version is **72.3698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **37.8484, 0.3624, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **65.7338, 0.3743, 0.3771**, and if you desaturate by 10%, it is **78.9056, 0.3343, 0.3474**.

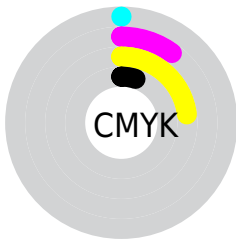
Distribution



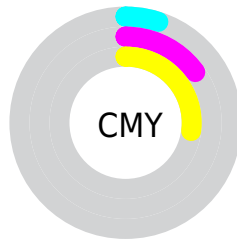
- Red (95%)
- Green (85%)
- Blue (73%)



- Red (91%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0481, 0.3532, 0.3621 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 72.0481, 0.3532, 0.3621 by changing the saturation by 10% instead.


 72.0481, 0.3532,
0.3621

 72.0481, 0.3532,
0.3621


467.7090, 0.3344,
0.3469

 53.1980, 0.3575,
0.3655


 122.1249, 0.3467,
0.3569

 37.9608, 0.3628,
0.3697


154.1204, 0.3441,
0.3548

 25.9523, 0.3695,
0.3749


191.2664, 0.3419,
0.3531

 16.7880, 0.3783,
0.3816

233.9474, 0.3400,
0.3515

 10.0834, 0.3901,
0.3906

282.5478, 0.3384,
0.3502

 5.4543, 0.4069,
0.4029

337.4519, 0.3369,

 2.5162, 0.4324,

0.3490

0.4206

399.0442, 0.3356,
0.3479

0.8847, 0.5150,
0.4850

0.0000, 0.0000,
0.0000

72.0481, 0.3532,
0.3621

72.0481, 0.3532,
0.3621

65.7338, 0.3743,
0.3771

78.9056, 0.3343,
0.3474

59.9374, 0.3973,
0.3918

86.3114, 0.3175,
0.3332

54.6455, 0.4219,
0.4053

94.0510, 0.3048,
0.3235

49.8403, 0.4473,
0.4165

97.6069, 0.3047,
0.3290

■ 45.5025, 0.4723,
0.4241

■ 41.6107, 0.4954,
0.4269

■ 38.1402, 0.5152,
0.4243

■ 35.9782, 0.5269,
0.4198

Harmonies

Analogous

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



72.0481, 0.3579, 0.3465



72.0481, 0.3532, 0.3621



72.0481, 0.3375, 0.3693

Triad

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



72.0481, 0.3532, 0.3621



72.0481, 0.2766, 0.3289



72.0481, 0.3087, 0.2961

Complementary

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



72.0481, 0.3532, 0.3621



63.3827, 0.2757, 0.2935

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.



72.0481, 0.2875, 0.2909



72.0481, 0.3532, 0.3621



72.0481, 0.2695, 0.3089

Square

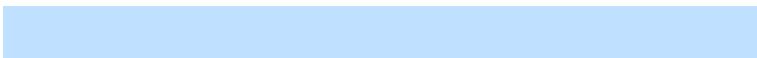
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0481, 0.3532, 0.3621



72.0481, 0.2932, 0.3500



72.0481, 0.2734, 0.2953



72.0481, 0.3317, 0.3092

Rectangle

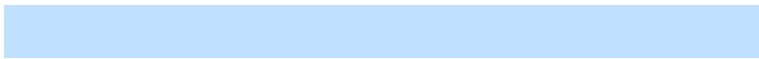
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0481, 0.3532, 0.3621



72.0481, 0.3231, 0.3678



72.0481, 0.2734, 0.2953



72.0481, 0.3011, 0.2934

Sweetspot

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



72.0514, 0.3532, 0.3621



93.9369, 0.3238, 0.3386



58.6897, 0.3395, 0.3022



19.9976, 0.3248, 0.3395



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

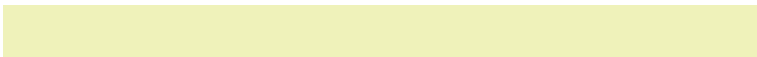
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0514, 0.3532, 0.3621



77.5917, 0.3634, 0.3695



85.3897, 0.3457, 0.3872



17.2131, 0.3279, 0.3421



19.6153, 0.5247, 0.4216



1.8300, 0.5070, 0.4356

Inverse Universe

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



63.3827, 0.2757, 0.2935



66.1606, 0.2673, 0.2847



52.3097, 0.2753, 0.2642



16.3873, 0.2980, 0.3155



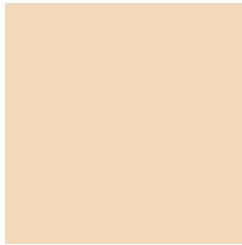
9.4402, 0.1723, 0.1401



0.9808, 0.1793, 0.1654

Previews

White Background



This preview shows how the Yxy color 72.0481, 0.3532, 0.3621 looks on a white background.

Color Contrast Check

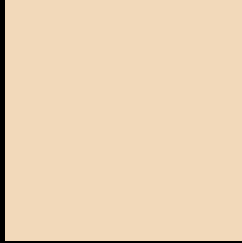
Large Text (above 18pt) WCAG AA × Fail

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 72.0481, 0.3532, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

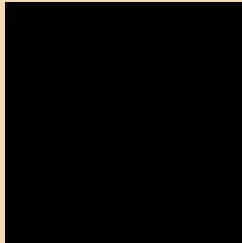
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0481, 0.3532, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 72.0481, 0.3532, 0.3621.

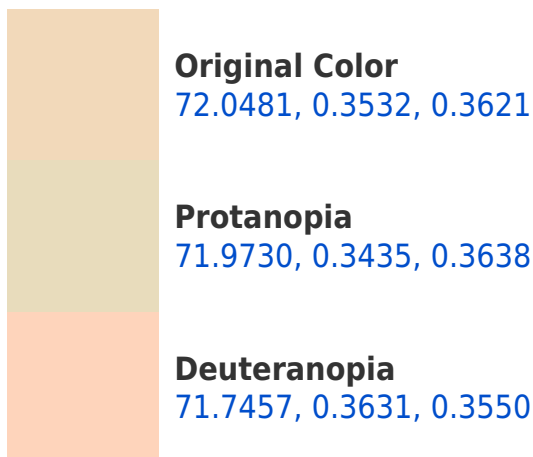


This preview shows how white text looks on a background with the Yxy color 72.0481, 0.3532, 0.3621.

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

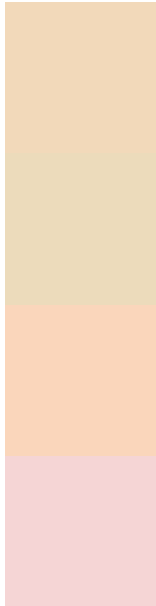




Tritanopia

71.9641, 0.3276, 0.3116

Trichromacy



Original Color

72.0481, 0.3532, 0.3621

Protanomaly

72.0838, 0.3475, 0.3636

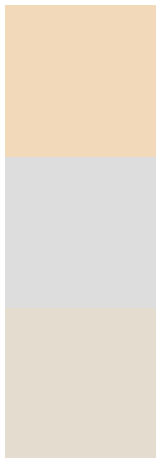
Deuteranomaly

72.0050, 0.3594, 0.3573

Tritanomaly

71.8051, 0.3367, 0.3291

Monochromacy



Original Color

72.0481, 0.3532, 0.3621

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3985, 0.3273, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0481, 0.3532, 0.3621 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(242, 217, 186)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 186)  
}
```

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(242, 217, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 186) }
```

Border

The CSS property to change the border of an element to Yxy 72.0481, 0.3532, 0.3621 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(242, 217, 186) }
```

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

```
.border{ border-color:rgb(242, 217, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0481, 0.3532, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 186) }
```

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

```
.background{ background-color: rgb(242,  
217, 186) }
```

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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