

Converting Colors

$Yxy(72.1826, 0.3497, 0.3571)$

Have a look what the booklet for
Yxy(72.1826, 0.3497, 0.3571)
contains.

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Color

Yxy(72.2645, 0.3496, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9BF
RGB	242, 217, 191
RGB Percent	95%, 85%, 75%
CMY	0.0511, 0.1490, 0.2510
CMYK	0.00, 0.10, 0.21, 0.05
HSL	31°, 66%, 85%
HSV	31°, 21%, 95%
XYZ	70.8261, 72.2645, 59.5012
YIQ	221.5110, 23.2460, -2.7860

Conversions

Conversions Part 2

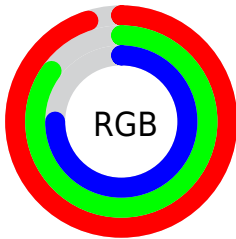
Format	Color
R_{YB}	240, 242, 191
Decimal	15915455
CIE _{Lab}	88.10, 4.61, 15.96
CIE _{LCh}	88, 16.616, 73.878
Yxy	72.2645, 0.3496, 0.3567
Android (android.graphics.Color)	4294105535 (0xFFFF2D9BF)
YUV	221.5110, -15.0419, 17.9689
Hunter-Lab	85.0085, -0.0450, 18.0063

Details

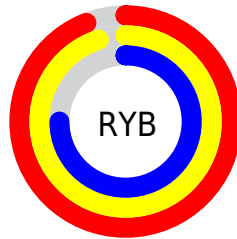
The Yxy color **72.2645, 0.3496, 0.3567** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5686, 0.2793, 0.2996**, and the grayscale version is **72.7792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **37.9899, 0.3576, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **65.3998, 0.3708, 0.3706**, and if you desaturate by 10%, it is **79.7499, 0.3308, 0.3432**.

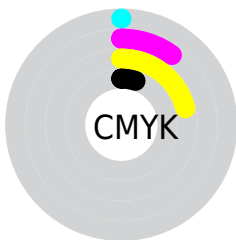
Distribution



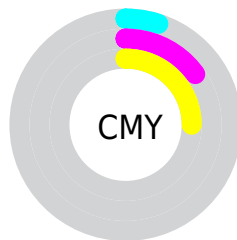
- Red (95%)
- Green (85%)
- Blue (75%)



- Red (94%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2645, 0.3496, 0.3567 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 72.2645, 0.3496, 0.3567 by changing the saturation by 10% instead.


 72.2645, 0.3496,
0.3567

 72.2645, 0.3496,
0.3567


468.4617, 0.3324,
0.3440

 53.3748, 0.3535,
0.3595


 122.4325, 0.3436,
0.3523

 38.1020, 0.3584,
0.3630


154.4796, 0.3413,
0.3506

 26.0619, 0.3646,
0.3674


191.6812, 0.3393,
0.3492

 16.8699, 0.3726,
0.3730

234.4218, 0.3376,
0.3479

 10.1418, 0.3836,
0.3805

283.0858, 0.3361,
0.3467

 5.4931, 0.3992,
0.3909

338.0575, 0.3347,

 2.5394, 0.4233,

0.3457

0.4059

399.7213, 0.3335,
0.3448

0.8963, 0.5199,
0.4801

0.0000, 0.0000,
0.0000

72.2645, 0.3496,
0.3567

72.2645, 0.3496,
0.3567

65.3998, 0.3708,
0.3706

79.7499, 0.3308,
0.3432

59.1284, 0.3944,
0.3843

87.8632, 0.3143,
0.3303

53.4347, 0.4201,
0.3971

96.0585, 0.3048,
0.3266

48.2985, 0.4471,
0.4079

97.6118, 0.3047,
0.3290

■ 43.6984, 0.4744,
0.4154

■ 39.6106, 0.5002,
0.4183

■ 36.0083, 0.5230,
0.4158

■ 33.1690, 0.5401,
0.4094

Harmonies

Analogous

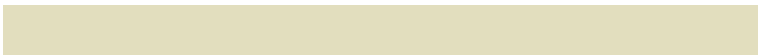
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2645, 0.3521, 0.3423



72.2645, 0.3496, 0.3567



72.2645, 0.3370, 0.3641

Triad

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



72.2645, 0.3496, 0.3567



72.2645, 0.2825, 0.3317



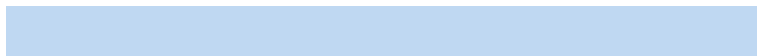
72.2645, 0.3064, 0.2988

Complementary

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



72.2645, 0.3496, 0.3567



66.5686, 0.2793, 0.2996

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.



72.2645, 0.2883, 0.2954



72.2645, 0.3496, 0.3567



72.2645, 0.2748, 0.3136

Square

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



72.2645, 0.3496, 0.3567



72.2645, 0.2982, 0.3497



72.2645, 0.2769, 0.3005



72.2645, 0.3267, 0.3095

Rectangle

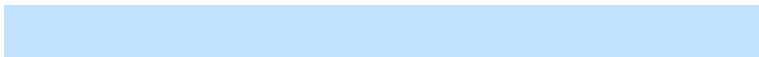
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2645, 0.3496, 0.3567



72.2645, 0.3247, 0.3637



72.2645, 0.2769, 0.3005



72.2645, 0.2998, 0.2967

Sweetspot

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



72.2678, 0.3496, 0.3567



94.3678, 0.3222, 0.3366



61.1136, 0.3346, 0.3021



20.0707, 0.3233, 0.3374



0.0000, 0.0000, 0.0000



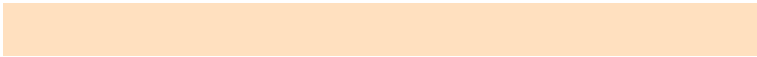
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2678, 0.3496, 0.3567



78.2338, 0.3578, 0.3622



86.1191, 0.3445, 0.3816



17.0931, 0.3280, 0.3411



18.0984, 0.5376, 0.4114



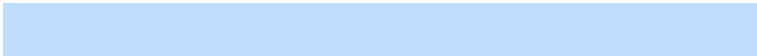
1.7048, 0.5178, 0.4271

Inverse Universe

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



66.5686, 0.2793, 0.2996



70.8134, 0.2727, 0.2933



54.7435, 0.2773, 0.2704



16.5063, 0.2980, 0.3166



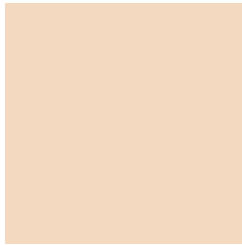
10.7345, 0.1762, 0.1544



1.0917, 0.1829, 0.1785

Previews

White Background



This preview shows how the Yxy color 72.2645, 0.3496, 0.3567 looks on a white background.

Color Contrast Check

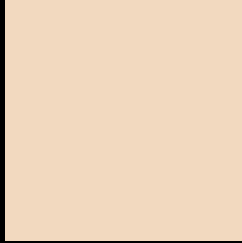
Large Text (above 18pt) WCAG AA × Fail

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 72.2645, 0.3496, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

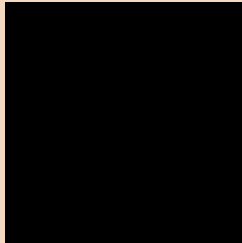
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2645, 0.3496, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 72.2645, 0.3496, 0.3567.



This preview shows how white text looks on a background with the Yxy color 72.2645, 0.3496, 0.3567.

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

72.2645, 0.3496, 0.3567

Protanopia

72.1925, 0.3400, 0.3583

Deuteranopia

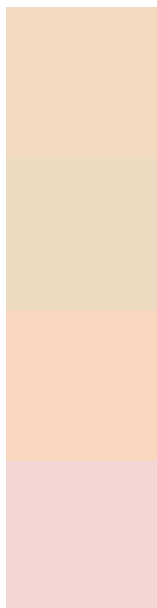
72.2769, 0.3583, 0.3508



Tritanopia

72.4626, 0.3275, 0.3127

Trichromacy



Original Color

72.2645, 0.3496, 0.3567

Protanomaly

72.3017, 0.3439, 0.3581

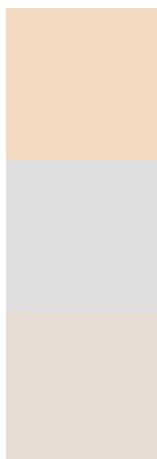
Deuteranomaly

72.0386, 0.3550, 0.3521

Tritanomaly

72.4119, 0.3351, 0.3280

Monochromacy



Original Color

72.2645, 0.3496, 0.3567

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5476, 0.3253, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2645, 0.3496, 0.3567 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 72.2645, 0.3496, 0.3567 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, 191) }
```

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

```
.border{ border-color:rgb(242, 217, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
191) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2645, 0.3496, 0.3567$ 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, 191) }
```

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

```
.background{ background-color: rgb(242,  
217, 191) }
```

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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