

Converting Colors

$Y_{xy}(75.3491, 0.3430, 0.3480)$

Have a look what the booklet for
Yxy(75.3491, 0.3430, 0.3480)
contains.

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Color

Yxy(75.4372, 0.3426, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	F5DDCB
RGB	245, 221, 203
RGB Percent	96%, 87%, 80%
CMY	0.0390, 0.1334, 0.2039
CMYK	0.00, 0.10, 0.17, 0.04
HSL	26°, 68%, 88%
HSV	26°, 17%, 96%
XYZ	74.3093, 75.4372, 67.1517
YIQ	226.1240, 20.0820, -0.5100

Conversions

Conversions Part 2

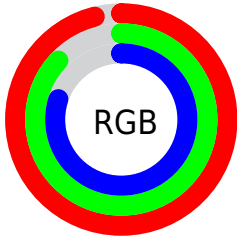
Format	Color
R _Y B	245, 235, 203
Decimal	16113099
CIE Lab	89.60, 5.45, 11.82
CIE LCh	90, 13.021, 65.238
Yxy	75.4372, 0.3426, 0.3478
Android (android.graphics.Color)	4294303179 (0xFFF5DDCB)
YUV	226.1240, -11.4001, 16.5543
Hunter-Lab	86.8546, 0.7220, 14.9581

Details

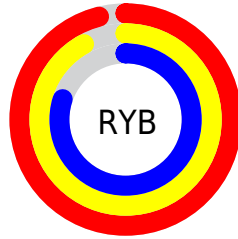
The Yxy color $75.4372, 0.3426, 0.3478$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.2836, 0.2858, 0.3094$, and the grayscale version is $76.2281, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.1337, 0.3491, 0.3520$ is the 20% darker color. If you saturate the color by 10%, you get $67.2603, 0.3638, 0.3595$, and if you desaturate by 10%, it is $84.4250, 0.3243, 0.3366$.

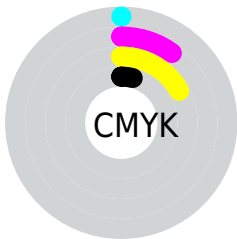
Distribution



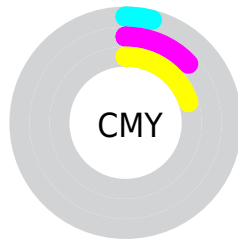
- Red (96%)
- Green (87%)
- Blue (80%)



- Red (96%)
- Yellow (92%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4372, 0.3426, 0.3478 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 75.4372, 0.3426, 0.3478 by changing the saturation by 10% instead.


 75.4372, 0.3426,
0.3478

 75.4372, 0.3426,
0.3478


479.4189, 0.3288,
0.3393

 55.9711, 0.3458,
0.3497


126.9310, 0.3378,
0.3449

 40.1798, 0.3496,
0.3520


159.7276, 0.3359,
0.3437

 27.6787, 0.3546,
0.3549


197.7365, 0.3343,
0.3428

 18.0836, 0.3610,
0.3586

241.3420, 0.3329,
0.3419

 11.0100, 0.3697,
0.3636

290.9286, 0.3317,
0.3411

 6.0736, 0.3822,
0.3704

346.8807, 0.3306,

 2.8899, 0.4016,

0.3404

409.5827, 0.3297,
0.3398

0.3805

1.0745, 0.4566,
0.4157

0.0000, 1.0000,
0.0000

75.4372, 0.3426,
0.3478

75.4372, 0.3426,
0.3478

67.2603, 0.3638,
0.3595

84.4250, 0.3243,
0.3366

59.8603, 0.3880,
0.3712

94.2361, 0.3085,
0.3261

53.2158, 0.4152,
0.3824

98.1638, 0.3066,
0.3290

47.3000, 0.4448,
0.3921

■ 42.0847, 0.4760,
0.3992

■ 37.5392, 0.5068,
0.4022

■ 33.6295, 0.5351,
0.4001

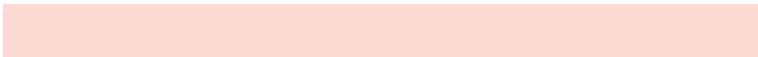
■ 30.3163, 0.5587,
0.3925

■ 29.4721, 0.5648,
0.3898

Harmonies

Analogous

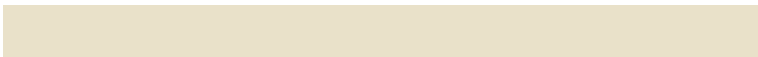
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4372, 0.3420, 0.3358



75.4372, 0.3426, 0.3478



75.4372, 0.3350, 0.3552

Triad

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



75.4372, 0.3426, 0.3478



75.4372, 0.2923, 0.3354



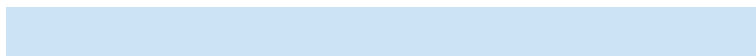
75.4372, 0.3035, 0.3040

Complementary

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



75.4372, 0.3426, 0.3478



74.2836, 0.2858, 0.3094

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.



75.4372, 0.2906, 0.3034



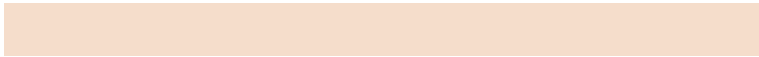
75.4372, 0.3426, 0.3478



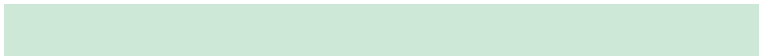
75.4372, 0.2843, 0.3211

Square

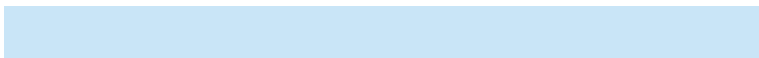
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4372, 0.3426, 0.3478



75.4372, 0.3058, 0.3482



75.4372, 0.2837, 0.3094



75.4372, 0.3192, 0.3109

Rectangle

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



75.4372, 0.3426, 0.3478



75.4372, 0.3264, 0.3563



75.4372, 0.2837, 0.3094



75.4372, 0.2987, 0.3030

Sweetspot

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



75.4406, 0.3426, 0.3478



94.6356, 0.3207, 0.3343



67.7181, 0.3273, 0.3037



20.0985, 0.3218, 0.3350



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

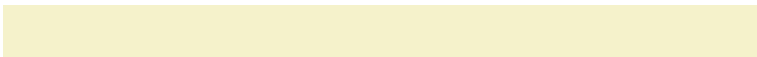
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4406, 0.3426, 0.3478



78.9900, 0.3505, 0.3523



86.9780, 0.3391, 0.3683



17.6469, 0.3283, 0.3392



16.1301, 0.5619, 0.3920



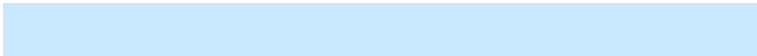
1.6172, 0.5399, 0.4095

Inverse Universe

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



74.2836, 0.2858, 0.3094



77.4778, 0.2796, 0.3045



63.6871, 0.2847, 0.2864



17.5024, 0.2980, 0.3186



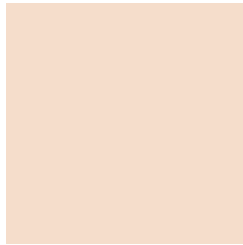
13.9830, 0.1841, 0.1826



1.4326, 0.1896, 0.2027

Previews

White Background



This preview shows how the Yxy color 75.4372, 0.3426, 0.3478 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 75.4372, 0.3426, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

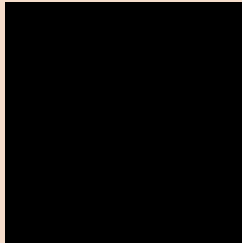
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4372, 0.3426, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 75.4372, 0.3426, 0.3478.

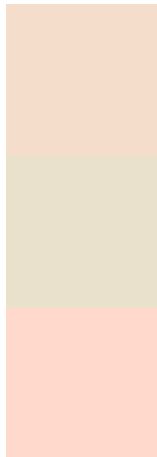


This preview shows how white text looks on a background with the Yxy color 75.4372, 0.3426, 0.3478.

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

75.4372, 0.3426, 0.3478

Protanopia

75.7506, 0.3324, 0.3503

Deuteranopia

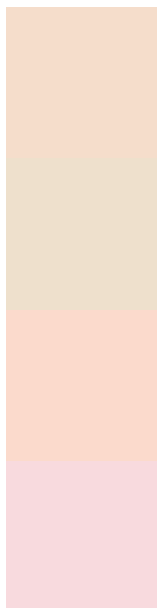
75.2453, 0.3501, 0.3423



Tritanopia

75.1347, 0.3251, 0.3119

Trichromacy



Original Color

75.4372, 0.3426, 0.3478

Protanomaly

75.8481, 0.3362, 0.3502

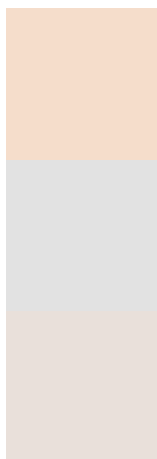
Deuteranomaly

75.0117, 0.3469, 0.3435

Tritanomaly

75.3732, 0.3318, 0.3250

Monochromacy



Original Color

75.4372, 0.3426, 0.3478

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6969, 0.3230, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4372, 0.3426, 0.3478 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, 221, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 203)  
}
```

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, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 203) }
```

Border

The CSS property to change the border of an element to Yxy 75.4372, 0.3426, 0.3478 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, 221, 203) }
```

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

```
.border{ border-color:rgb(245, 221, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 221, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4372, 0.3426, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 203) }
```

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

```
.background{ background-color: rgb(245,  
221, 203) }
```

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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