

Converting Colors

$Y_{xy}(70.0794, 0.3428, 0.3397)$

Have a look what the booklet for
Yxy(70.0794, 0.3428, 0.3397)
contains.

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Color

Yxy(70.2285, 0.3425, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	F2D4CA
RGB	242, 212, 202
RGB Percent	95%, 83%, 79%
CMY	0.0512, 0.1685, 0.2078
CMYK	0.00, 0.12, 0.17, 0.05
HSL	15°, 60%, 87%
HSV	15°, 17%, 95%
XYZ	70.8074, 70.2285, 65.7010
YIQ	219.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

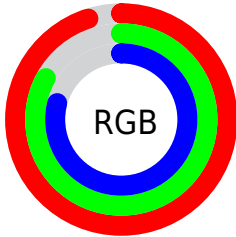
Format	Color
R _Y B	242, 215, 202
Decimal	15914186
CIE Lab	87.11, 8.83, 8.77
CIE LCh	87, 12.443, 44.805
Yxy	70.2285, 0.3425, 0.3397
Android (android.graphics.Color)	4294104266 (0xFFF2D4CA)
YUV	219.8300, -8.7902, 19.4431
Hunter-Lab	83.8024, 4.1661, 12.1785

Details

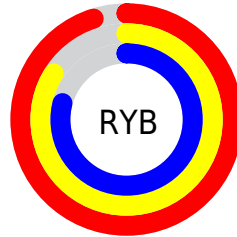
The Yxy color **70.2285, 0.3425, 0.3397** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6315, 0.2872, 0.3180**, and the grayscale version is **71.4950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6912, 0.3504, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **60.6148, 0.3654, 0.3467**, and if you desaturate by 10%, it is **81.0451, 0.3234, 0.3331**.

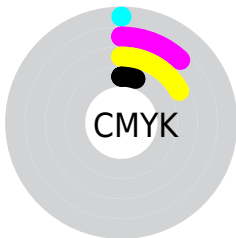
Distribution



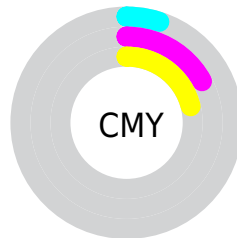
- Red (95%)
- Green (83%)
- Blue (79%)



- Red (95%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2285, 0.3425, 0.3397 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 70.2285, 0.3425, 0.3397 by changing the saturation by 10% instead.

 70.2285, 0.3425,
0.3397

 70.2285, 0.3425,
0.3397

461.3519, 0.3285,
0.3349

 51.7128, 0.3457,
0.3408


119.5346, 0.3376,
0.3381

 36.7762, 0.3498,
0.3421

151.0937, 0.3357,
0.3374

 25.0343, 0.3549,
0.3437


187.7696, 0.3341,
0.3368

 16.1026, 0.3617,
0.3457

229.9464, 0.3327,
0.3364

 9.5968, 0.3710,
0.3485

278.0087, 0.3315,
0.3359

 5.1324, 0.3847,
0.3522

332.3407, 0.3304,

 2.3252, 0.4067,

0.3355

0.3574

393.3270, 0.3294,
0.3352

0.7870, 0.4847,
0.3934

0.0000, 0.0000,
0.0000

70.2285, 0.3425,
0.3397

70.2285, 0.3425,
0.3397

60.6148, 0.3654,
0.3467

81.0451, 0.3234,
0.3331

52.1528, 0.3925,
0.3537

93.0949, 0.3075,
0.3269

44.8013, 0.4243,
0.3603

97.6071, 0.3047,
0.3290

38.5132, 0.4604,
0.3658

■ 33.2379, 0.4994,
0.3691

■ 28.9201, 0.5388,
0.3692

■ 25.4991, 0.5745,
0.3651

■ 22.9059, 0.6022,
0.3569

■ 22.1751, 0.6102,
0.3537

Harmonies

Analogous

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



70.2285, 0.3364, 0.3267



70.2285, 0.3425, 0.3397



70.2285, 0.3404, 0.3503

Triad

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



70.2285, 0.3425, 0.3397



70.2285, 0.3013, 0.3442



70.2285, 0.2946, 0.3034

Complementary

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



70.2285, 0.3425, 0.3397



76.6315, 0.2872, 0.3180

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.



70.2285, 0.2857, 0.3073



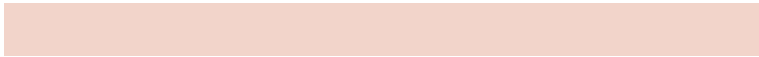
70.2285, 0.3425, 0.3397



70.2285, 0.2895, 0.3307

Square

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



70.2285, 0.3425, 0.3397



70.2285, 0.3164, 0.3534



70.2285, 0.2838, 0.3172



70.2285, 0.3085, 0.3061

Rectangle

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



70.2285, 0.3425, 0.3397



70.2285, 0.3346, 0.3546



70.2285, 0.2838, 0.3172



70.2285, 0.2909, 0.3039

Sweetspot

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



70.2316, 0.3425, 0.3397



93.2633, 0.3208, 0.3321



66.9329, 0.3218, 0.2980



19.7656, 0.3220, 0.3326



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.



70.2316, 0.3425, 0.3397



75.1423, 0.3502, 0.3421



80.8208, 0.3392, 0.3602



16.4034, 0.3287, 0.3350



12.1013, 0.6074, 0.3559



1.1599, 0.5820, 0.3761

Inverse Universe

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



76.6315, 0.2872, 0.3180



83.6807, 0.2818, 0.3155



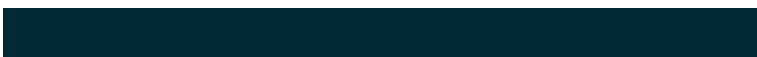
66.0448, 0.2862, 0.2958



17.2179, 0.2981, 0.3229



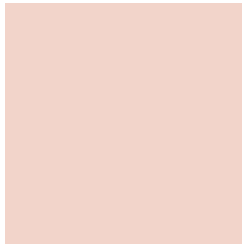
21.4834, 0.2016, 0.2456



1.9438, 0.2050, 0.2579

Previews

White Background



This preview shows how the Yxy color 70.2285, 0.3425, 0.3397 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 70.2285, 0.3425, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

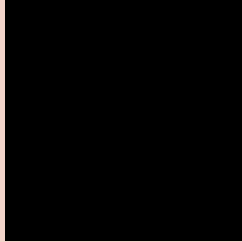
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.2285, 0.3425, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 70.2285, 0.3425, 0.3397.

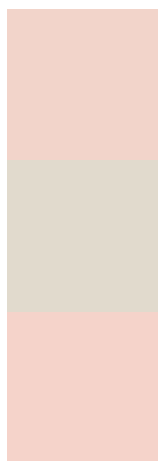


This preview shows how white text looks on a background with the Yxy color 70.2285, 0.3425, 0.3397.

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

70.2285, 0.3425, 0.3397

Protanopia

70.5581, 0.3267, 0.3433

Deuteranopia

70.2653, 0.3450, 0.3386



Tritanopia

70.4496, 0.3285, 0.3125

Trichromacy



Original Color

70.2285, 0.3425, 0.3397

Protanomaly

70.4603, 0.3321, 0.3421

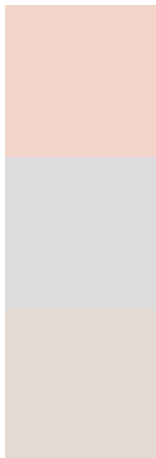
Deuteranomaly

70.0859, 0.3443, 0.3386

Tritanomaly

70.3360, 0.3334, 0.3218

Monochromacy



Original Color

70.2285, 0.3425, 0.3397

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9238, 0.3235, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2285, 0.3425, 0.3397 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, 212, 202)` looks like.

```
.text, #text, p{  
    color:rgb(242, 212, 202)  
}
```

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, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 202) }
```

Border

The CSS property to change the border of an element to Yxy 70.2285, 0.3425, 0.3397 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, 212, 202) }
```

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

```
.border{ border-color:rgb(242, 212, 202) }
```

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

Here you see how a box with a 4 pixel rgb(242, 212, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2285, 0.3425, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 202) }
```

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

```
.background{ background-color: rgb(242,  
212, 202) }
```

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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