

Converting Colors

$Y_{xy}(70.2245, 0.3424, 0.3456)$

Have a look what the booklet for
Yxy(70.2245, 0.3424, 0.3456)
contains.

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Color

Yxy(70.3475, 0.3420, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	EED6C6
RGB	238, 214, 198
RGB Percent	93%, 84%, 78%
CMY	0.0668, 0.1607, 0.2234
CMYK	0.00, 0.10, 0.17, 0.07
HSL	24°, 54%, 85%
HSV	24°, 17%, 93%
XYZ	69.4941, 70.3475, 63.3575
YIQ	219.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

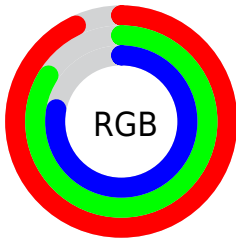
Format	Color
R _Y B	238, 225, 198
Decimal	15652550
CIE Lab	87.17, 5.76, 10.90
CIE LCh	87, 12.329, 62.162
Yxy	70.3475, 0.3420, 0.3462
Android (android.graphics.Color)	4293842630 (0xFFEED6C6)
YUV	219.3520, -10.5265, 16.3543
Hunter-Lab	83.8734, 1.1193, 13.9241

Details

The Yxy color $70.3475, 0.3420, 0.3462$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $70.4141, 0.2865, 0.3112$, and the grayscale version is $71.1606, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.7550, 0.3497, 0.3500$ is the 20% darker color. If you saturate the color by 10%, you get $62.4260, 0.3633, 0.3571$, and if you desaturate by 10%, it is $79.0809, 0.3236, 0.3357$.

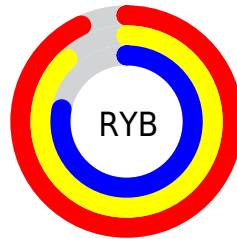
Distribution



Red (93%)

Green (84%)

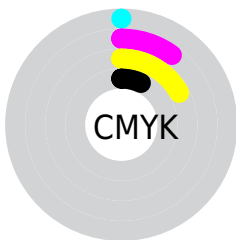
Blue (78%)



Red (93%)

Yellow (88%)

Blue (78%)

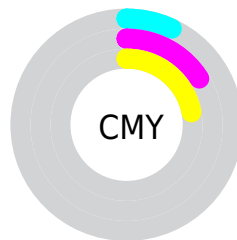


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3475, 0.3420, 0.3462 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 70.3475, 0.3420, 0.3462 by changing the saturation by 10% instead.


 70.3475, 0.3420,
0.3462

 70.3475, 0.3420,
0.3462


461.7692, 0.3283,
0.3383

 51.8099, 0.3452,
0.3480

119.7042, 0.3372,
0.3435

 36.8536, 0.3491,
0.3502


151.2920, 0.3354,
0.3424

 25.0941, 0.3541,
0.3529


187.9988, 0.3338,
0.3415

 16.1472, 0.3607,
0.3564

230.2087, 0.3324,
0.3407

 9.6284, 0.3698,
0.3612

278.3064, 0.3312,
0.3400

 5.1533, 0.3831,
0.3679

332.6761, 0.3301,

 2.3375, 0.4042,

0.3394

0.3778

393.7022, 0.3291,
0.3388

0.7934, 0.5002,
0.4430

0.0000, 0.0000,
0.0000

70.3475, 0.3420,
0.3462

70.3475, 0.3420,
0.3462

62.4260, 0.3633,
0.3571

79.0809, 0.3236,
0.3357

55.2826, 0.3878,
0.3682

88.6398, 0.3079,
0.3259

48.8952, 0.4156,
0.3787

96.9118, 0.3023,
0.3290

43.2366, 0.4461,
0.3878

■ 38.2779, 0.4784,
0.3944

■ 33.9879, 0.5107,
0.3970

■ 30.3323, 0.5404,
0.3947

■ 27.2716, 0.5651,
0.3869

■ 26.4008, 0.5723,
0.3838

Harmonies

Analogous

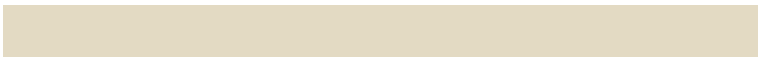
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3475, 0.3406, 0.3343



70.3475, 0.3420, 0.3462



70.3475, 0.3354, 0.3539

Triad

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



70.3475, 0.3420, 0.3462



70.3475, 0.2941, 0.3366



70.3475, 0.3023, 0.3044

Complementary

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



70.3475, 0.3420, 0.3462



70.4141, 0.2865, 0.3112

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.



70.3475, 0.2903, 0.3045



70.3475, 0.3420, 0.3462



70.3475, 0.2856, 0.3227

Square

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



70.3475, 0.3420, 0.3462



70.3475, 0.3075, 0.3486



70.3475, 0.2842, 0.3110



70.3475, 0.3174, 0.3105

Rectangle

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



70.3475, 0.3420, 0.3462



70.3475, 0.3274, 0.3555



70.3475, 0.2842, 0.3110



70.3475, 0.2978, 0.3037

Sweetspot

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



70.3506, 0.3420, 0.3462



94.4236, 0.3207, 0.3340



63.8461, 0.3264, 0.3036



20.0470, 0.3219, 0.3347



0.0000, 0.0000, 0.0000



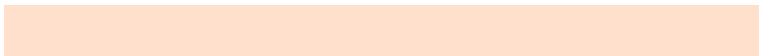
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3506, 0.3420, 0.3462



79.1531, 0.3487, 0.3498



81.0818, 0.3386, 0.3667



16.7972, 0.3283, 0.3385



14.9702, 0.5695, 0.3860



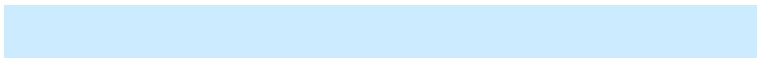
1.4350, 0.5455, 0.4051

Inverse Universe

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



70.4141, 0.2865, 0.3112



79.2380, 0.2813, 0.3073



60.4320, 0.2855, 0.2882



16.8057, 0.2980, 0.3193



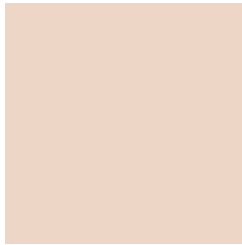
14.6205, 0.1868, 0.1923



1.4104, 0.1923, 0.2122

Previews

White Background



This preview shows how the Yxy color 70.3475, 0.3420, 0.3462 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 70.3475, 0.3420, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

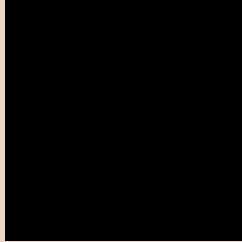
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3475, 0.3420, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 70.3475, 0.3420, 0.3462.



This preview shows how white text looks on a background with the Yxy color 70.3475, 0.3420, 0.3462.

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

70.3475, 0.3420, 0.3462

Protanopia

70.6438, 0.3316, 0.3488

Deuteranopia

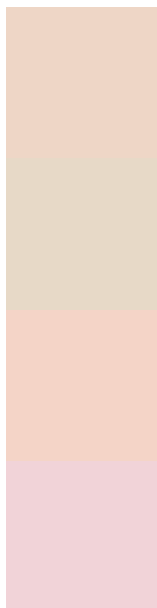
70.4862, 0.3488, 0.3417



Tritanopia

70.4614, 0.3254, 0.3124

Trichromacy



Original Color

70.3475, 0.3420, 0.3462

Protanomaly

70.7382, 0.3355, 0.3486

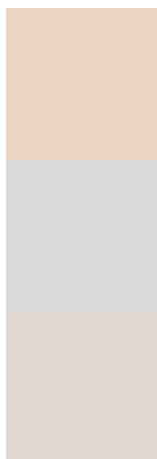
Deuteranomaly

70.4436, 0.3463, 0.3428

Tritanomaly

70.2472, 0.3317, 0.3238

Monochromacy



Original Color

70.3475, 0.3420, 0.3462

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.4976, 0.3234, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3475, 0.3420, 0.3462 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(238, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 198)  
}
```

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(238, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 198) }
```

Border

The CSS property to change the border of an element to Yxy 70.3475, 0.3420, 0.3462 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(238, 214, 198) }
```

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

```
.border{ border-color:rgb(238, 214, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 214, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 214, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 214, 198); box-shadow:4px 4px 4px 4px rgb(238, 214, 198) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.3475, 0.3420, 0.3462$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 198) }
```

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

```
.background{ background-color: rgb(238,  
214, 198) }
```

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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