

Converting Colors

Yxy(69.5716, 0.3399, 0.3430)

Have a look what the booklet for
Yxy(69.5716, 0.3399, 0.3430)
contains.

Yxy(69.7632, 0.3400, 0.3430)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.7632, 0.3400, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	EDD5C8
RGB	237, 213, 200
RGB Percent	93%, 84%, 78%
CMY	0.0705, 0.1647, 0.2156
CMYK	0.00, 0.10, 0.16, 0.07
HSL	21°, 51%, 86%
HSV	21°, 16%, 93%
XYZ	69.1530, 69.7632, 64.4750
YIQ	218.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

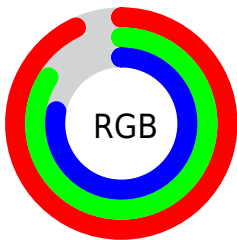
Format	Color
R _Y B	237, 220, 200
Decimal	15586760
CIE Lab	86.88, 6.25, 9.43
CIE LCh	87, 11.318, 56.455
Yxy	69.7632, 0.3400, 0.3430
Android (android.graphics.Color)	4293776840 (0xFFEDD5C8)
YUV	218.6940, -9.2161, 16.0544
Hunter-Lab	83.5244, 1.6193, 12.6993

Details

The Yxy color **69.7632, 0.3400, 0.3430** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7373, 0.2885, 0.3146**, and the grayscale version is **70.6754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3528, 0.3470, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **61.3633, 0.3615, 0.3526**, and if you desaturate by 10%, it is **79.0761, 0.3217, 0.3339**.

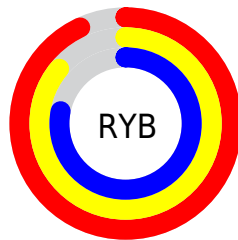
Distribution



Red (93%)

Green (84%)

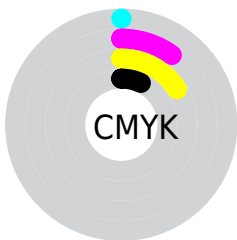
Blue (78%)



Red (93%)

Yellow (86%)

Blue (78%)

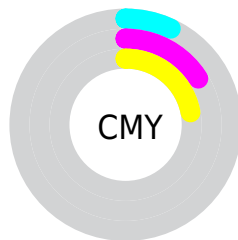


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7632, 0.3400, 0.3430 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 69.7632, 0.3400, 0.3430 by changing the saturation by 10% instead.


 69.7632, 0.3400,
0.3430

 69.7632, 0.3400,
0.3430

459.7181, 0.3272,
0.3366

 51.3335, 0.3430,
0.3444


118.8710, 0.3355,
0.3408

 36.4741, 0.3467,
0.3462


150.3179, 0.3338,
0.3399

 24.8006, 0.3514,
0.3484


186.8727, 0.3323,
0.3392

 15.9285, 0.3576,
0.3513

228.9197, 0.3310,
0.3385

 9.4736, 0.3661,
0.3552

276.8433, 0.3299,
0.3380

 5.0514, 0.3787,
0.3606

331.0280, 0.3289,

 2.2774, 0.3988,

0.3375

0.3686

391.8582, 0.3280,
0.3370

0.7617, 0.4849,
0.4211

0.0000, 0.0000,
0.0000

69.7632, 0.3400,
0.3430

69.7632, 0.3400,
0.3430

61.3633, 0.3615,
0.3526

79.0761, 0.3217,
0.3339

53.8387, 0.3864,
0.3623

89.3196, 0.3062,
0.3253

47.1629, 0.4151,
0.3716

96.7494, 0.3018,
0.3290

41.3042, 0.4471,
0.3798

■ 36.2289, 0.4815,
0.3855

■ 31.9007, 0.5164,
0.3877

■ 28.2795, 0.5488,
0.3851

■ 25.3204, 0.5757,
0.3773

■ 24.2121, 0.5859,
0.3730

Harmonies

Analogous

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



69.7632, 0.3373, 0.3316



69.7632, 0.3400, 0.3430



69.7632, 0.3352, 0.3510

Triad

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



69.7632, 0.3400, 0.3430



69.7632, 0.2976, 0.3383



69.7632, 0.3007, 0.3059

Complementary

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



69.7632, 0.3400, 0.3430



71.7373, 0.2885, 0.3146

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.



69.7632, 0.2905, 0.3071



69.7632, 0.3400, 0.3430



69.7632, 0.2888, 0.3256

Square

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



69.7632, 0.3400, 0.3430



69.7632, 0.3106, 0.3486



69.7632, 0.2862, 0.3142



69.7632, 0.3144, 0.3105

Rectangle

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



69.7632, 0.3400, 0.3430



69.7632, 0.3285, 0.3532



69.7632, 0.2862, 0.3142



69.7632, 0.2968, 0.3056

Sweetspot

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



69.7663, 0.3400, 0.3430



94.0365, 0.3207, 0.3333



64.7125, 0.3239, 0.3035



19.9531, 0.3219, 0.3340



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

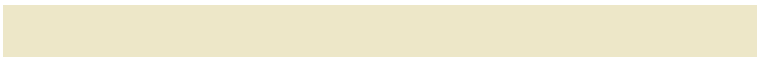
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7663, 0.3400, 0.3430



78.8060, 0.3470, 0.3463



79.5994, 0.3370, 0.3622



15.9179, 0.3284, 0.3373



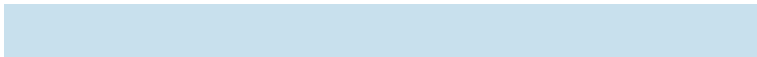
13.4381, 0.5830, 0.3753



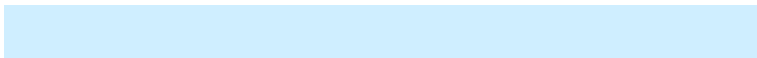
1.2301, 0.5564, 0.3964

Inverse Universe

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



71.7373, 0.2885, 0.3146



81.5771, 0.2831, 0.3111



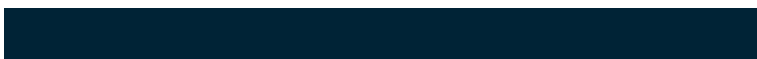
62.3340, 0.2876, 0.2935



16.1814, 0.2981, 0.3205



16.1942, 0.1917, 0.2102



1.4510, 0.1968, 0.2285

Previews

White Background



This preview shows how the Yxy color 69.7632, 0.3400, 0.3430 looks on a white background.

Color Contrast Check

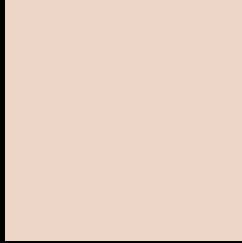
Large Text (above 18pt) WCAG AA × Fail

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 69.7632, 0.3400, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

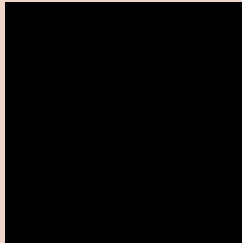
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7632, 0.3400, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 69.7632, 0.3400, 0.3430.

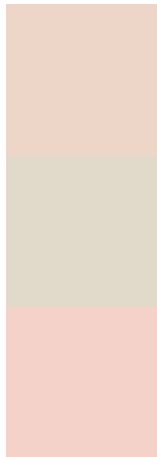


This preview shows how white text looks on a background with the Yxy color 69.7632, 0.3400, 0.3430.

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

69.7632, 0.3400, 0.3430

Protanopia

69.8975, 0.3289, 0.3455

Deuteranopia

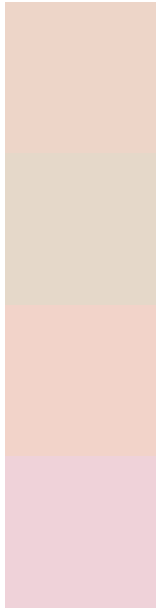
69.7227, 0.3460, 0.3386



Tritanopia

69.6172, 0.3240, 0.3113

Trichromacy



Original Color

69.7632, 0.3400, 0.3430

Protanomaly

69.9868, 0.3327, 0.3454

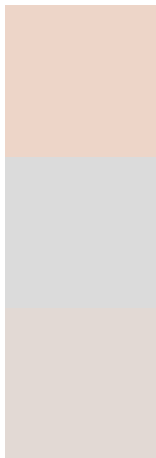
Deuteranomaly

69.6828, 0.3435, 0.3397

Tritanomaly

69.4537, 0.3296, 0.3217

Monochromacy



Original Color

69.7632, 0.3400, 0.3430

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5479, 0.3227, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7632, 0.3400, 0.3430 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(237, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 200)  
}
```

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(237, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 200) }
```

Border

The CSS property to change the border of an element to Yxy 69.7632, 0.3400, 0.3430 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(237, 213, 200) }
```

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

```
.border{ border-color:rgb(237, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7632, 0.3400, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 200) }
```

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

```
.background{ background-color: rgb(237,  
213, 200) }
```

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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