

Converting Colors

Yxy(69.3586, 0.3528, 0.3309)

Have a look what the booklet for
Yxy(69.3586, 0.3528, 0.3309)
contains.

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Color

Yxy(69.2344, 0.3533, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDCB
RGB	255, 205, 203
RGB Percent	100%, 80%, 80%
CMY	0.0000, 0.1961, 0.2040
CMYK	0.00, 0.20, 0.20, 0.00
HSL	2°, 100%, 90%
HSV	2°, 20%, 100%
XYZ	73.8542, 69.2344, 65.9525
YIQ	219.7220, 30.4420, 9.9780

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 205, 203
Decimal	16764363
CIE Lab	86.62, 17.35, 7.71
CIE LCh	87, 18.982, 23.966
Yxy	69.2344, 0.3533, 0.3312
Android (android.graphics.Color)	4294954443 (0xFFFFCDCB)
YUV	219.7220, -8.2439, 30.9388
Hunter-Lab	83.2072, 12.8229, 11.2501

Details

The Yxy color **69.2344, 0.3533, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.1454, 0.2820, 0.3268**, and the grayscale version is **71.4057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3089, 0.3635, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **57.2955, 0.3808, 0.3324**, and if you desaturate by 10%, it is **83.2067, 0.3311, 0.3301**.

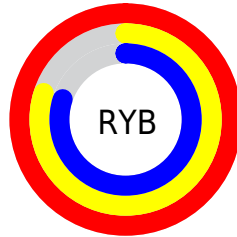
Distribution



Red (100%)

Green (80%)

Blue (80%)



Red (100%)

Yellow (80%)

Blue (80%)

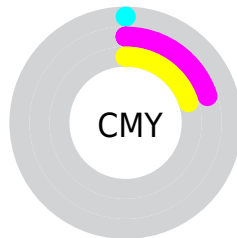


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2344, 0.3533, 0.3312 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 69.2344, 0.3533, 0.3312 by changing the saturation by 10% instead.


 69.2344, 0.3533,
0.3312

 69.2344, 0.3533,
0.3312


457.8573, 0.3342,
0.3305

 50.9026, 0.3577,
0.3313


118.1163, 0.3466,
0.3310

 36.1311, 0.3633,
0.3314


149.4352, 0.3440,
0.3309

 24.5355, 0.3703,
0.3314


185.8520, 0.3418,
0.3308

 15.7313, 0.3797,
0.3314

227.7510, 0.3399,
0.3307

 9.3342, 0.3926,
0.3311

275.5166, 0.3382,
0.3307

 4.9598, 0.4116,
0.3304

329.5333, 0.3367,

 2.2237, 0.4422,

0.3306

0.3282

390.1854, 0.3354,
0.3305

0.7329, 0.5373,
0.3419

0.0000, 1.0000,
0.0000

69.2344, 0.3533,
0.3312

69.2344, 0.3533,
0.3312

57.2955, 0.3808,
0.3324

83.2067, 0.3311,
0.3301

47.2990, 0.4146,
0.3335

99.3052, 0.3134,
0.3290

39.1410, 0.4548,
0.3345

100.0000, 0.3127,
0.3290

32.7095, 0.5005,
0.3352

■ 27.8802, 0.5480,
0.3352

■ 24.5126, 0.5911,
0.3344

■ 22.4413, 0.6225,
0.3329

■ 21.4758, 0.6382,
0.3315

Harmonies

Analogous

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



69.2344, 0.3363, 0.3122



69.2344, 0.3533, 0.3312



69.2344, 0.3589, 0.3504

Triad

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



69.2344, 0.3533, 0.3312



69.2344, 0.3108, 0.3636



69.2344, 0.2747, 0.2930

Complementary

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



69.2344, 0.3533, 0.3312



90.1454, 0.2820, 0.3268

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.



69.2344, 0.2686, 0.3051



69.2344, 0.3533, 0.3312



69.2344, 0.2889, 0.3465

Square

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



69.2344, 0.3533, 0.3312



69.2344, 0.3339, 0.3703



69.2344, 0.2737, 0.3246



69.2344, 0.2908, 0.2905

Rectangle

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



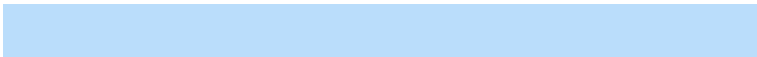
69.2344, 0.3533, 0.3312



69.2344, 0.3554, 0.3610



69.2344, 0.2737, 0.3246



69.2344, 0.2714, 0.2960

Sweetspot

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



69.2331, 0.3533, 0.3312



90.0283, 0.3228, 0.3296



71.0674, 0.3163, 0.2797



19.0475, 0.3240, 0.3297



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.



69.2331, 0.3533, 0.3312



64.7097, 0.3625, 0.3316



82.5658, 0.3482, 0.3570



18.1005, 0.3294, 0.3300



11.2706, 0.6374, 0.3321



1.1356, 0.6310, 0.3372

Inverse Universe

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



90.1454, 0.2820, 0.3268



88.6702, 0.2770, 0.3264



74.9885, 0.2802, 0.2993



20.3528, 0.2980, 0.3280



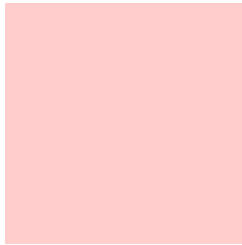
37.9684, 0.2213, 0.3168



3.7332, 0.2217, 0.3182

Previews

White Background



This preview shows how the Yxy color 69.2344, 0.3533, 0.3312 looks on a white background.

Color Contrast Check

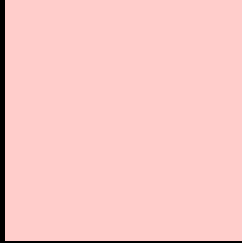
Large Text (above 18pt) WCAG AA × Fail

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 69.2344, 0.3533, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

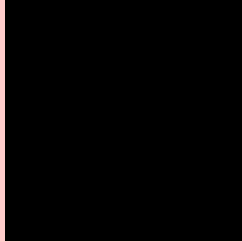
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2344, 0.3533, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 69.2344, 0.3533, 0.3312.

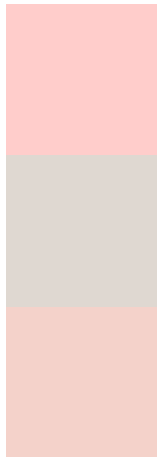


This preview shows how white text looks on a background with the Yxy color 69.2344, 0.3533, 0.3312.

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

69.2344, 0.3533, 0.3312

Protanopia

69.4032, 0.3226, 0.3367

Deuteranopia

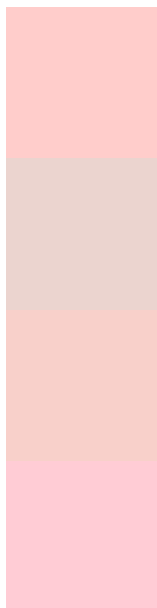
69.5906, 0.3444, 0.3375



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

69.2344, 0.3533, 0.3312

Protanomaly

69.2541, 0.3335, 0.3344

Deuteranomaly

69.3325, 0.3479, 0.3354

Tritanomaly

69.2498, 0.3458, 0.3199

Monochromacy



Original Color

69.2344, 0.3533, 0.3312

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7796, 0.3267, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2344, 0.3533, 0.3312 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(255, 205, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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(255, 205, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 203) }
```

Border

The CSS property to change the border of an element to Yxy 69.2344, 0.3533, 0.3312 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(255, 205, 203) }
```

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

```
.border{ border-color:rgb(255, 205, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
203) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 69.2344, 0.3533, 0.3312$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 203) }
```

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

```
.background{ background-color: rgb(255,  
205, 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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