

Converting Colors

$Y_{xy}(70.0064, 0.3392, 0.3301)$

Have a look what the booklet for
Yxy(70.0064, 0.3392, 0.3301)
contains.

Yxy(69.9297, 0.3393, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.9297, 0.3393, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	F4D2D1
RGB	244, 210, 209
RGB Percent	96%, 82%, 82%
CMY	0.0429, 0.1765, 0.1804
CMYK	0.00, 0.14, 0.14, 0.04
HSL	2°, 62%, 89%
HSV	2°, 14%, 96%
XYZ	71.8787, 69.9297, 70.0356
YIQ	220.0520, 20.5850, 6.8970

Conversions

Conversions Part 2

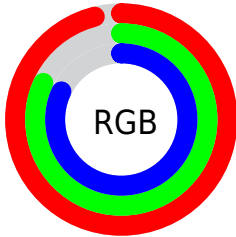
Format	Color
R_{YB}	244, 210, 209
Decimal	16044753
CIE _{Lab}	86.96, 11.73, 4.88
CIE _{LCh}	87, 12.707, 22.574
Yxy	69.9297, 0.3393, 0.3301
Android (android.graphics.Color)	4294234833 (0xFFFF4D2D1)
YUV	220.0520, -5.4486, 21.0024
Hunter-Lab	83.6240, 7.0870, 8.8810

Details

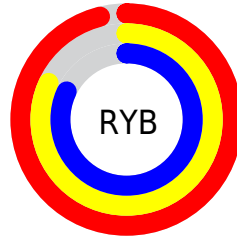
The Yxy color **69.9297, 0.3393, 0.3301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2415, 0.2908, 0.3279**, and the grayscale version is **71.6421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3740, 0.3450, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **57.9562, 0.3635, 0.3309**, and if you desaturate by 10%, it is **83.8313, 0.3199, 0.3293**.

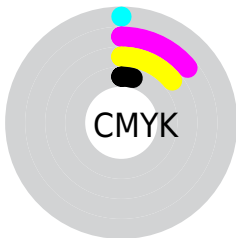
Distribution



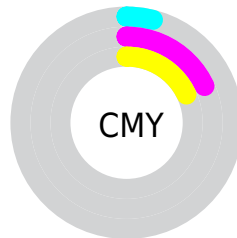
- Red (96%)
- Green (82%)
- Blue (82%)



- Red (96%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (4%)




- Cyan (4%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9297, 0.3393, 0.3301 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 69.9297, 0.3393, 0.3301 by changing the saturation by 10% instead.


 69.9297, 0.3393,
0.3301

 69.9297, 0.3393,
0.3301


460.3031, 0.3268,
0.3297

 51.4692, 0.3422,
0.3302

119.1085, 0.3349,
0.3300

 36.5822, 0.3458,
0.3302


150.5956, 0.3333,
0.3299

 24.8842, 0.3504,
0.3303


187.1937, 0.3318,
0.3299

 15.9908, 0.3564,
0.3303

229.2872, 0.3306,
0.3299

 9.5176, 0.3648,
0.3302

277.2605, 0.3295,
0.3298

 5.0803, 0.3771,
0.3300

331.4980, 0.3285,

 2.2945, 0.3970,

0.3298

0.3292

392.3841, 0.3276,
0.3297

0.7708, 0.4485,
0.3350

0.0000, 0.0000,
0.0000

69.9297, 0.3393,
0.3301

69.9297, 0.3393,
0.3301

57.9562, 0.3635,
0.3309

83.8313, 0.3199,
0.3293

47.8170, 0.3935,
0.3318

97.9833, 0.3060,
0.3290

39.4242, 0.4300,
0.3326

32.6793, 0.4728,
0.3333

■ 27.4740, 0.5200,
0.3336

■ 23.6869, 0.5667,
0.3335

■ 21.1784, 0.6060,
0.3327

■ 19.7809, 0.6310,
0.3314

■ 19.3909, 0.6386,
0.3311

Harmonies

Analogous

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



69.9297, 0.3279, 0.3172



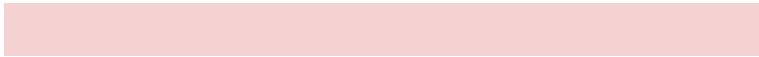
69.9297, 0.3393, 0.3301



69.9297, 0.3434, 0.3431

Triad

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



69.9297, 0.3393, 0.3301



69.9297, 0.3124, 0.3521



69.9297, 0.2868, 0.3051

Complementary

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



69.9297, 0.3393, 0.3301



84.2415, 0.2908, 0.3279

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.



69.9297, 0.2829, 0.3138



69.9297, 0.3393, 0.3301



69.9297, 0.2975, 0.3412

Square

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



69.9297, 0.3393, 0.3301



69.9297, 0.3276, 0.3563



69.9297, 0.2868, 0.3270



69.9297, 0.2975, 0.3029

Rectangle

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



69.9297, 0.3393, 0.3301



69.9297, 0.3415, 0.3502



69.9297, 0.2868, 0.3270



69.9297, 0.2847, 0.3073

Sweetspot

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



69.9328, 0.3393, 0.3301



93.1960, 0.3193, 0.3293



71.3482, 0.3148, 0.2940



19.6825, 0.3206, 0.3294



0.0000, 0.0000, 0.0000



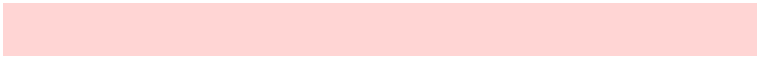
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9328, 0.3393, 0.3301



73.5125, 0.3453, 0.3303



78.8495, 0.3367, 0.3478



16.5564, 0.3293, 0.3297



10.5704, 0.6381, 0.3316



0.9546, 0.6330, 0.3356

Inverse Universe

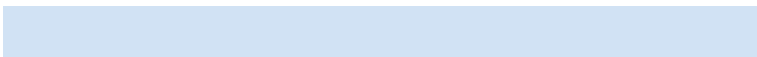
The Inverse Universe completely reimagines the original color for something new.



84.2415, 0.2908, 0.3279



91.9173, 0.2869, 0.3277



74.4566, 0.2902, 0.3095



18.6739, 0.2981, 0.3283



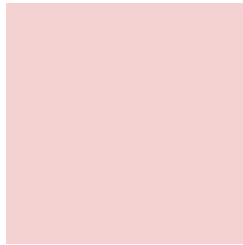
36.5856, 0.2223, 0.3202



3.2401, 0.2226, 0.3214

Previews

White Background



This preview shows how the Yxy color 69.9297, 0.3393, 0.3301 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 69.9297, 0.3393, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

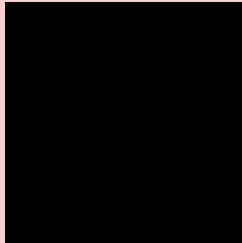
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9297, 0.3393, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 69.9297, 0.3393, 0.3301.

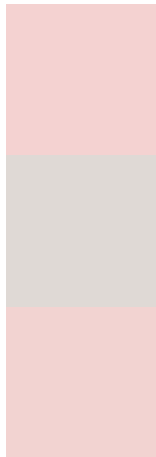


This preview shows how white text looks on a background with the Yxy color 69.9297, 0.3393, 0.3301.

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

69.9297, 0.3393, 0.3301

Protanopia

70.1178, 0.3198, 0.3334

Deuteranopia

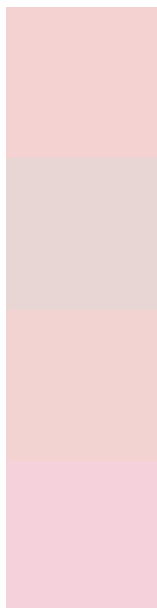
70.0692, 0.3376, 0.3312



Tritanopia

70.0864, 0.3301, 0.3125

Trichromacy



Original Color

69.9297, 0.3393, 0.3301

Protanomaly

69.8355, 0.3267, 0.3312

Deuteranomaly

70.2467, 0.3383, 0.3312

Tritanomaly

70.1279, 0.3328, 0.3187

Monochromacy



Original Color

69.9297, 0.3393, 0.3301

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7276, 0.3222, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9297, 0.3393, 0.3301 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(244, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(244, 210, 209)  
}
```

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(244, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 210, 209) }
```

Border

The CSS property to change the border of an element to Yxy 69.9297, 0.3393, 0.3301 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(244, 210, 209) }
```

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

```
.border{ border-color:rgb(244, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(244, 210,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9297, 0.3393, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 210, 209) }
```

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

```
.background{ background-color: rgb(244,  
210, 209) }
```

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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