

Converting Colors

$Yxy(71.5820, 0.3401, 0.3367)$

Have a look what the booklet for
Yxy(71.5820, 0.3401, 0.3367)
contains.

Yxy(71.6041, 0.3401, 0.3375)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.6041, 0.3401, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	F3D6CE
RGB	243, 214, 206
RGB Percent	95%, 84%, 81%
CMY	0.0469, 0.1608, 0.1922
CMYK	0.00, 0.12, 0.15, 0.05
HSL	13°, 61%, 88%
HSV	13°, 15%, 95%
XYZ	72.1557, 71.6041, 68.4005
YIQ	221.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

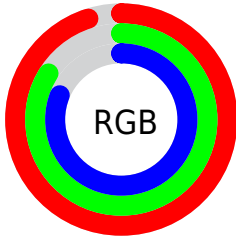
Format	Color
R _Y B	243, 216, 206
Decimal	15980238
CIE Lab	87.78, 8.80, 7.64
CIE LCh	88, 11.656, 40.943
Yxy	71.6041, 0.3401, 0.3375
Android (android.graphics.Color)	4294170318 (0xFFFF3D6CE)
YUV	221.7590, -7.7692, 18.6284
Hunter-Lab	84.6192, 4.1253, 11.3074

Details

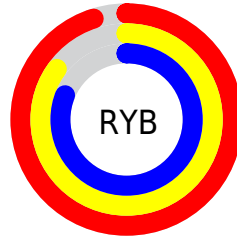
The Yxy color **71.6041, 0.3401, 0.3375** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0215, 0.2892, 0.3203**, and the grayscale version is **72.9169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6281, 0.3470, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **61.4319, 0.3628, 0.3435**, and if you desaturate by 10%, it is **83.0928, 0.3213, 0.3318**.

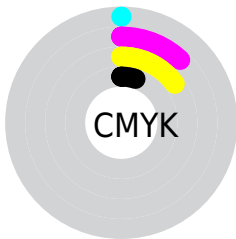
Distribution



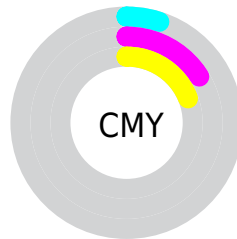
- Red (95%)
- Green (84%)
- Blue (81%)



- Red (95%)
- Yellow (85%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6041, 0.3401, 0.3375 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 71.6041, 0.3401, 0.3375 by changing the saturation by 10% instead.


 71.6041, 0.3401,
0.3375

 71.6041, 0.3401,
0.3375

466.1624, 0.3273,
0.3337

 52.8353, 0.3431,
0.3383


121.4935, 0.3356,
0.3362

 37.6713, 0.3467,
0.3394


153.3829, 0.3339,
0.3357

 25.7277, 0.3514,
0.3406


190.4147, 0.3324,
0.3353

 16.6200, 0.3575,
0.3422

232.9732, 0.3311,
0.3349

 9.9640, 0.3660,
0.3443

281.4428, 0.3300,
0.3345

 5.3751, 0.3784,
0.3472

336.2080, 0.3290,

 2.4690, 0.3981,

0.3342

0.3512

397.6531, 0.3281,
0.3339

0.8610, 0.4532,
0.3723

0.0000, 0.0000,
0.0000

71.6041, 0.3401,
0.3375

71.6041, 0.3401,
0.3375

61.4319, 0.3628,
0.3435

83.0928, 0.3213,
0.3318

52.5194, 0.3900,
0.3496

95.9330, 0.3057,
0.3265

44.8201, 0.4221,
0.3554

97.8003, 0.3054,
0.3290

38.2806, 0.4590,
0.3602

■ 32.8437, 0.4993,
0.3631

■ 28.4470, 0.5403,
0.3632

■ 25.0215, 0.5777,
0.3595

■ 22.4892, 0.6066,
0.3522

■ 21.5660, 0.6171,
0.3482

Harmonies

Analogous

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



71.6041, 0.3335, 0.3253



71.6041, 0.3401, 0.3375



71.6041, 0.3391, 0.3479

Triad

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



71.6041, 0.3401, 0.3375



71.6041, 0.3038, 0.3445



71.6041, 0.2945, 0.3052

Complementary

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



71.6041, 0.3401, 0.3375



79.0215, 0.2892, 0.3203

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.



71.6041, 0.2869, 0.3097



71.6041, 0.3401, 0.3375



71.6041, 0.2922, 0.3323

Square

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



71.6041, 0.3401, 0.3375



71.6041, 0.3180, 0.3523



71.6041, 0.2861, 0.3195



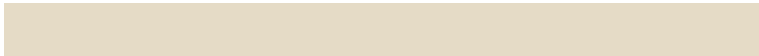
71.6041, 0.3070, 0.3070

Rectangle

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



71.6041, 0.3401, 0.3375



71.6041, 0.3344, 0.3523



71.6041, 0.2861, 0.3195



71.6041, 0.2913, 0.3061

Sweetspot

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



71.6073, 0.3401, 0.3375



92.9949, 0.3209, 0.3317



69.2304, 0.3197, 0.2986



19.7006, 0.3221, 0.3321



0.0000, 0.0000, 0.0000



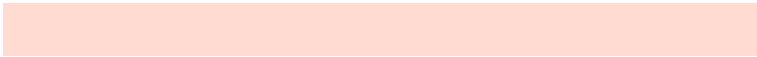
21.4041, 0.3127, 0.3290

Same Dimension

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



71.6073, 0.3401, 0.3375



76.5447, 0.3460, 0.3392



81.1829, 0.3373, 0.3559



17.0633, 0.3288, 0.3342



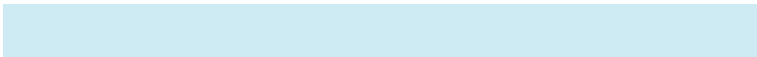
11.9926, 0.6147, 0.3501



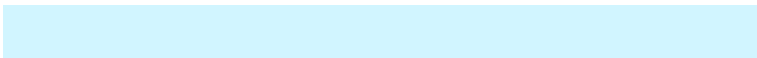
1.1989, 0.5913, 0.3687

Inverse Universe

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



79.0215, 0.2892, 0.3203



86.1399, 0.2850, 0.3186



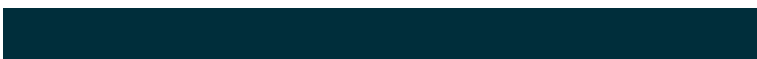
69.2699, 0.2885, 0.3006



18.1140, 0.2980, 0.3238



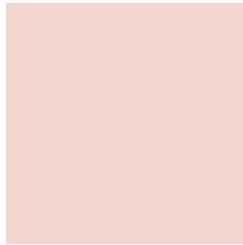
24.0777, 0.2050, 0.2578



2.2636, 0.2077, 0.2677

Previews

White Background



This preview shows how the Yxy color 71.6041, 0.3401, 0.3375 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 71.6041, 0.3401, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

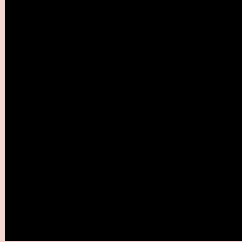
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

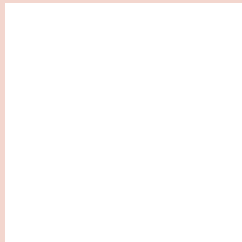
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6041, 0.3401, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 71.6041, 0.3401, 0.3375.

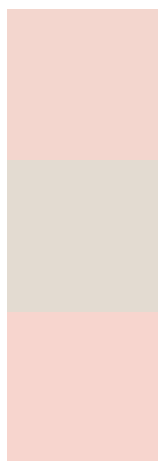


This preview shows how white text looks on a background with the Yxy color 71.6041, 0.3401, 0.3375.

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

71.6041, 0.3401, 0.3375

Protanopia

71.5974, 0.3253, 0.3399

Deuteranopia

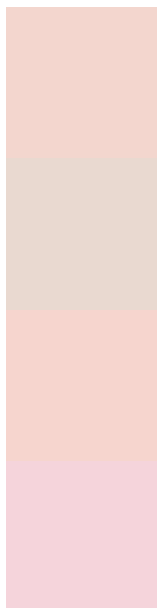
71.8189, 0.3433, 0.3364



Tritanopia

71.7274, 0.3276, 0.3126

Trichromacy



Original Color

71.6041, 0.3401, 0.3375

Protanomaly

71.5034, 0.3307, 0.3387

Deuteranomaly

71.6376, 0.3425, 0.3364

Tritanomaly

71.6139, 0.3325, 0.3218

Monochromacy



Original Color

71.6041, 0.3401, 0.3375

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4439, 0.3227, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6041, 0.3401, 0.3375 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(243, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 206)  
}
```

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(243, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 206) }
```

Border

The CSS property to change the border of an element to Yxy 71.6041, 0.3401, 0.3375 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(243, 214, 206) }
```

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

```
.border{ border-color:rgb(243, 214, 206) }
```

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

Here you see how a box with a 4 pixel rgb(243, 214, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6041, 0.3401, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 206) }
```

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

```
.background{ background-color: rgb(243,  
214, 206) }
```

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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