

Converting Colors

$Y_{xy}(74.5405, 0.3294, 0.3304)$

Have a look what the booklet for
Yxy(74.5405, 0.3294, 0.3304)
contains.

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Color

Yxy(74.4258, 0.3294, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	F1DBDA
RGB	241, 219, 218
RGB Percent	95%, 86%, 85%
CMY	0.0548, 0.1412, 0.1452
CMYK	0.00, 0.09, 0.10, 0.05
HSL	3°, 45%, 90%
HSV	3°, 10%, 95%
XYZ	74.2680, 74.4258, 76.7706
YIQ	225.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

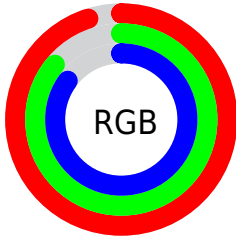
Format	Color
R _Y B	241, 219, 218
Decimal	15850458
CIE Lab	89.12, 7.41, 3.24
CIE LCh	89, 8.088, 23.600
Yxy	74.4258, 0.3294, 0.3301
Android (android.graphics.Color)	4294040538 (0xFFF1DBDA)
YUV	225.4640, -3.6798, 13.6251
Hunter-Lab	86.2704, 2.6929, 7.6281

Details

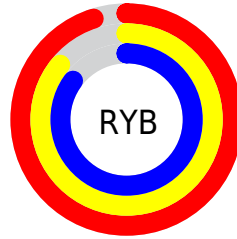
The Yxy color **74.4258, 0.3294, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.5879, 0.2980, 0.3279**, and the grayscale version is **75.6699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5096, 0.3336, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **62.0540, 0.3510, 0.3313**, and if you desaturate by 10%, it is **88.6523, 0.3120, 0.3290**.

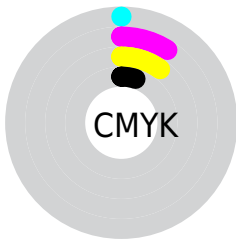
Distribution



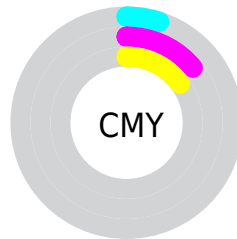
- Red (95%)
- Green (86%)
- Blue (85%)



- Red (95%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4258, 0.3294, 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 74.4258, 0.3294, 0.3301 by changing the saturation by 10% instead.


 74.4258, 0.3294,
0.3301

 74.4258, 0.3294,
0.3301


475.9416, 0.3217,
0.3297

 55.1426, 0.3312,
0.3302

125.4992, 0.3267,
0.3300

 39.5159, 0.3333,
0.3303


158.0582, 0.3257,
0.3299

 27.1613, 0.3361,
0.3304


195.8113, 0.3248,
0.3298

 17.6944, 0.3397,
0.3306

239.1429, 0.3240,
0.3298

 10.7308, 0.3447,
0.3307

288.4373, 0.3233,
0.3298

 5.8861, 0.3519,
0.3309

344.0790, 0.3227,

 2.7760, 0.3632,

0.3297

0.3311

406.4523, 0.3222,
0.3297

■ 1.0159, 0.3840,
0.3312

■ 0.0000, 1.0000,
0.0000

■ 74.4258, 0.3294,
0.3301

■ 74.4258, 0.3294,
0.3301

■ 62.0540, 0.3510,
0.3313

■ 88.6523, 0.3120,
0.3290

■ 51.4512, 0.3779,
0.3327

■ 97.4462, 0.3042,
0.3290

■ 42.5395, 0.4108,
0.3339

■ 35.2316, 0.4502,
0.3351

■ 29.4321, 0.4951,
0.3358

■ 25.0358, 0.5424,
0.3359

■ 21.9238, 0.5862,
0.3352

■ 19.9575, 0.6192,
0.3335

■ 18.9615, 0.6372,
0.3318

Harmonies

Analogous

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



74.4258, 0.3225, 0.3218



74.4258, 0.3294, 0.3301



74.4258, 0.3318, 0.3382

Triad

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



74.4258, 0.3294, 0.3301



74.4258, 0.3122, 0.3431



74.4258, 0.2966, 0.3140

Complementary

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



74.4258, 0.3294, 0.3301



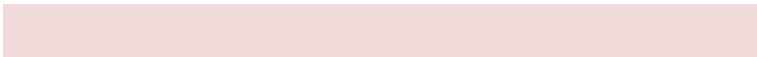
83.5879, 0.2980, 0.3279

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.



74.4258, 0.2940, 0.3194



74.4258, 0.3294, 0.3301



74.4258, 0.3029, 0.3363

Square

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



74.4258, 0.3294, 0.3301



74.4258, 0.3218, 0.3459



74.4258, 0.2963, 0.3276



74.4258, 0.3035, 0.3126

Rectangle

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



74.4258, 0.3294, 0.3301



74.4258, 0.3305, 0.3425



74.4258, 0.2963, 0.3276



74.4258, 0.2952, 0.3154

Sweetspot

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



74.4291, 0.3294, 0.3301



94.9386, 0.3176, 0.3293



75.1489, 0.3143, 0.3063



20.0383, 0.3190, 0.3294



0.0000, 0.0000, 0.0000



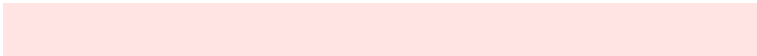
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4291, 0.3294, 0.3301



82.3894, 0.3323, 0.3303



80.5152, 0.3281, 0.3417



15.8699, 0.3292, 0.3301



10.3158, 0.6369, 0.3325



0.8971, 0.6286, 0.3391

Inverse Universe

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



83.5879, 0.2980, 0.3279



94.2802, 0.2957, 0.3277



77.1512, 0.2979, 0.3159



17.8031, 0.2981, 0.3279



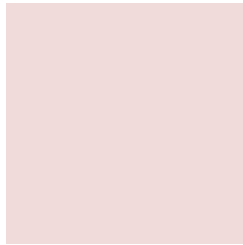
34.3170, 0.2209, 0.3153



2.8914, 0.2214, 0.3172

Previews

White Background



This preview shows how the Yxy color 74.4258, 0.3294, 0.3301 looks on a white background.

Color Contrast Check

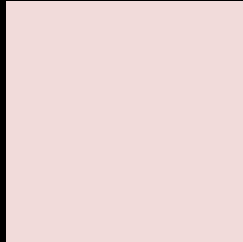
Large Text (above 18pt) WCAG AA × Fail

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 74.4258, 0.3294, 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

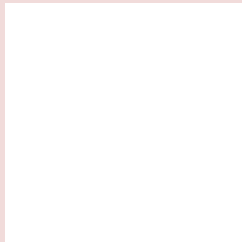
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4258, 0.3294, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 74.4258, 0.3294, 0.3301.

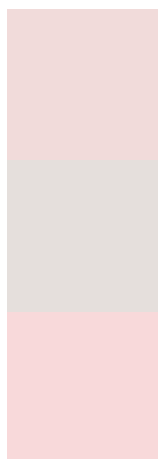


This preview shows how white text looks on a background with the Yxy color 74.4258, 0.3294, 0.3301.

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

74.4258, 0.3294, 0.3301

Protanopia

74.6007, 0.3189, 0.3322

Deuteranopia

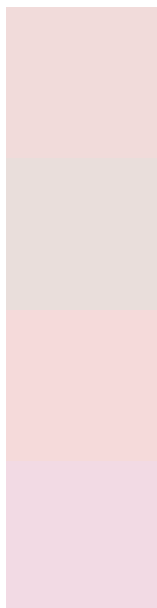
74.6441, 0.3348, 0.3280



Tritanopia

74.6209, 0.3200, 0.3116

Trichromacy



Original Color

74.4258, 0.3294, 0.3301

Protanomaly

74.6807, 0.3226, 0.3322

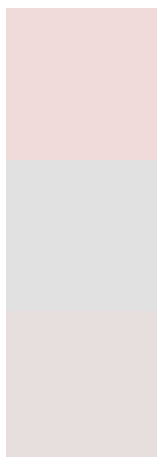
Deuteranomaly

74.6172, 0.3324, 0.3291

Tritanomaly

74.6215, 0.3233, 0.3187

Monochromacy



Original Color

74.4258, 0.3294, 0.3301

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0382, 0.3190, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4258, 0.3294, 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(241, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 218)  
}
```

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(241, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 218) }
```

Border

The CSS property to change the border of an element to Yxy 74.4258, 0.3294, 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(241, 219, 218) }
```

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

```
.border{ border-color:rgb(241, 219, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 219,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4258, 0.3294, 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(241, 219, 218) }
```

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

```
.background{ background-color: rgb(241,  
219, 218) }
```

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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