

Converting Colors

$Yxy(74.8066, 0.3271, 0.3268)$

Have a look what the booklet for
Yxy(74.8066, 0.3271, 0.3268)
contains.

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Color

Yxy(74.5843, 0.3273, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F1DBDD
RGB	241, 219, 221
RGB Percent	95%, 86%, 87%
CMY	0.0549, 0.1411, 0.1334
CMYK	0.00, 0.09, 0.08, 0.05
HSL	355°, 44%, 90%
HSV	355°, 9%, 95%
XYZ	74.6527, 74.5843, 78.8495
YIQ	225.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

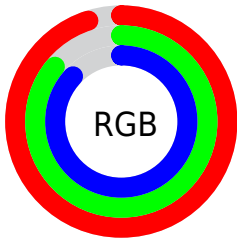
Format	Color
R _Y B	241, 219, 221
Decimal	15850461
CIE Lab	89.20, 7.88, 1.77
CIE LCh	89, 8.082, 12.683
Yxy	74.5843, 0.3273, 0.3270
Android (android.graphics.Color)	4294040541 (0xFF1DBDD)
YUV	225.8060, -2.3694, 13.3251
Hunter-Lab	86.3622, 3.1641, 6.3212

Details

The Yxy color **74.5843, 0.3273, 0.3270** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.2005, 0.2998, 0.3310**, and the grayscale version is **75.9168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6184, 0.3309, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **61.8152, 0.3471, 0.3247**, and if you desaturate by 10%, it is **89.3332, 0.3115, 0.3292**.

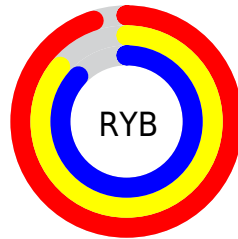
Distribution



Red (95%)

Green (86%)

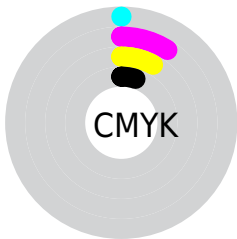
Blue (87%)



Red (95%)

Yellow (86%)

Blue (87%)

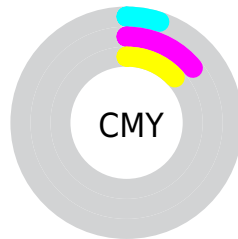


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (5%)



Cyan (5%)


Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5843, 0.3273, 0.3270 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 74.5843, 0.3273, 0.3270 by changing the saturation by 10% instead.


 74.5843, 0.3273,
0.3270

 74.5843, 0.3273,
0.3270


476.4875, 0.3206,
0.3280

 55.2724, 0.3288,
0.3268


125.7237, 0.3250,
0.3273

 39.6199, 0.3307,
0.3265


158.3201, 0.3241,
0.3275

 27.2423, 0.3332,
0.3261


196.1134, 0.3233,
0.3276

 17.7553, 0.3363,
0.3256

239.4880, 0.3226,
0.3277

 10.7744, 0.3406,
0.3250

288.8283, 0.3220,
0.3278

 5.9154, 0.3468,
0.3240

344.5187, 0.3215,

 2.7937, 0.3566,

0.3278

0.3223

406.9437, 0.3210,
0.3279

■ 1.0250, 0.3743,
0.3191

■ 0.0000, 1.0000,
0.0000

■ 74.5843, 0.3273,
0.3270

■ 74.5843, 0.3273,
0.3270

■ 61.8152, 0.3471,
0.3247

■ 89.3332, 0.3115,
0.3292

■ 50.9323, 0.3717,
0.3223

■ 97.4391, 0.3041,
0.3290

■ 41.8491, 0.4020,
0.3199

■ 34.4685, 0.4386,
0.3179

■ 28.6845, 0.4809,
0.3166

■ 24.3788, 0.5266,
0.3165

■ 21.4171, 0.5710,
0.3180

■ 19.6402, 0.6074,
0.3213

■ 18.8088, 0.6306,
0.3254

Harmonies

Analogous

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



74.5843, 0.3192, 0.3192



74.5843, 0.3273, 0.3270



74.5843, 0.3315, 0.3354

Triad

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



74.5843, 0.3273, 0.3270



74.5843, 0.3158, 0.3446



74.5843, 0.2952, 0.3155

Complementary

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



74.5843, 0.3273, 0.3270



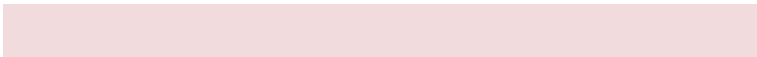
84.2005, 0.2998, 0.3310

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.



74.5843, 0.2943, 0.3222



74.5843, 0.3273, 0.3270



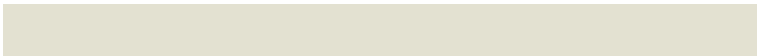
74.5843, 0.3061, 0.3391

Square

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



74.5843, 0.3273, 0.3270



74.5843, 0.3248, 0.3457



74.5843, 0.2983, 0.3308



74.5843, 0.3006, 0.3126

Rectangle

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



74.5843, 0.3273, 0.3270



74.5843, 0.3315, 0.3403



74.5843, 0.2983, 0.3308



74.5843, 0.2943, 0.3174

Sweetspot

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



74.5876, 0.3273, 0.3270



94.7752, 0.3172, 0.3284



75.3343, 0.3122, 0.3065



19.9945, 0.3185, 0.3282



0.0000, 0.0000, 0.0000



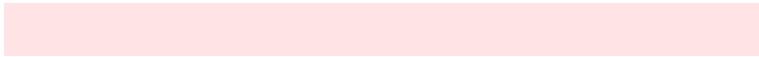
21.4041, 0.3127, 0.3290

Same Dimension

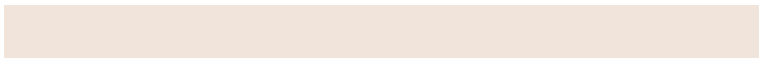
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5876, 0.3273, 0.3270



81.8534, 0.3308, 0.3266



79.1929, 0.3277, 0.3381



15.7818, 0.3279, 0.3269



10.1796, 0.6300, 0.3244



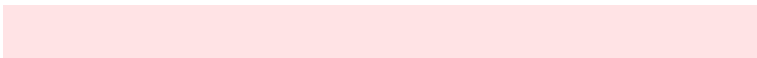
0.8546, 0.6073, 0.3119

Inverse Universe

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



74.5876, 0.3273, 0.3270



81.8534, 0.3308, 0.3266



79.2376, 0.2986, 0.3197



15.7818, 0.3279, 0.3269



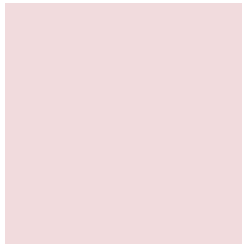
10.1796, 0.6300, 0.3244



0.8546, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 74.5843, 0.3273, 0.3270 looks on a white background.

Color Contrast Check

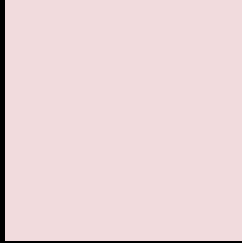
Large Text (above 18pt) WCAG AA × Fail

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 74.5843, 0.3273, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

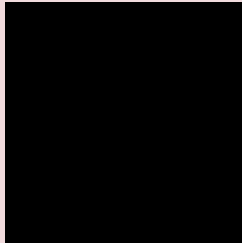
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

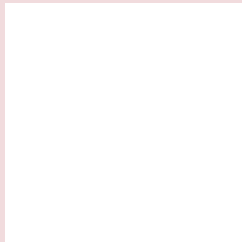
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5843, 0.3273, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 74.5843, 0.3273, 0.3270.



This preview shows how white text looks on a background with the Yxy color 74.5843, 0.3273, 0.3270.

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

74.5843, 0.3273, 0.3270

Protanopia

74.5970, 0.3162, 0.3290

Deuteranopia

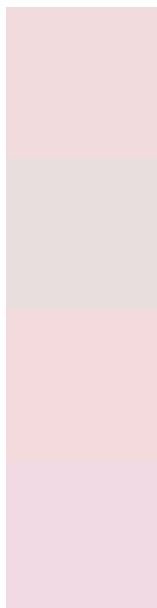
74.6203, 0.3319, 0.3250



Tritanopia

74.6209, 0.3200, 0.3116

Trichromacy



Original Color

74.5843, 0.3273, 0.3270

Protanomaly

74.8401, 0.3205, 0.3290

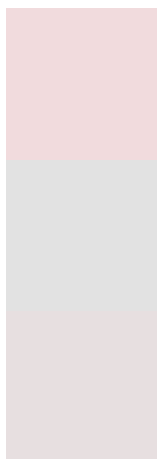
Deuteranomaly

74.7757, 0.3303, 0.3260

Tritanomaly

74.6772, 0.3226, 0.3177

Monochromacy



Original Color

74.5843, 0.3273, 0.3270

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1461, 0.3177, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5843, 0.3273, 0.3270 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.5843, 0.3273, 0.3270 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, 221) }
```

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

```
.border{ border-color:rgb(241, 219, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 219, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 219, 221); box-shadow:4px 4px 4px 4px rgb(241, 219, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5843, 0.3273, 0.3270 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, 221) }
```

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

```
.background{ background-color: rgb(241,  
219, 221) }
```

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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