

Converting Colors

$Yxy(74.2411, 0.3263, 0.3271)$

Have a look what the booklet for
Yxy(74.2411, 0.3263, 0.3271)
contains.

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Color

Yxy(74.2342, 0.3258, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	EFDBDD
RGB	239, 219, 221
RGB Percent	94%, 86%, 87%
CMY	0.0630, 0.1411, 0.1334
CMYK	0.00, 0.08, 0.08, 0.06
HSL	354°, 38%, 90%
HSV	354°, 8%, 94%
XYZ	73.9618, 74.2342, 78.8199
YIQ	225.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

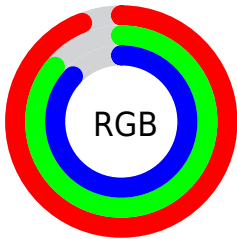
Format	Color
R _Y B	239, 219, 221
Decimal	15719389
CIE Lab	89.03, 7.17, 1.51
CIE LCh	89, 7.325, 11.917
Yxy	74.2342, 0.3258, 0.3270
Android (android.graphics.Color)	4293909469 (0xFFEFDBDD)
YUV	225.2080, -2.0745, 12.0956
Hunter-Lab	86.1593, 2.4512, 6.0720

Details

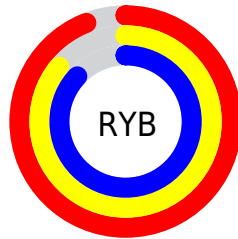
The Yxy color $74.2342, 0.3258, 0.3270$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82.8774, 0.3010, 0.3310$, and the grayscale version is $75.4580, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.3714, 0.3290, 0.3263$ is the 20% darker color. If you saturate the color by 10%, you get $61.5739, 0.3450, 0.3245$, and if you desaturate by 10%, it is $88.8380, 0.3104, 0.3294$.

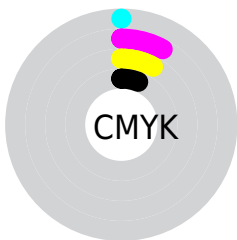
Distribution



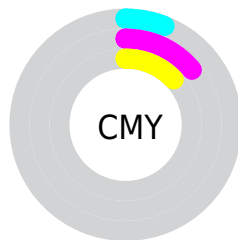
- Red (94%)
- Green (86%)
- Blue (87%)



- Red (94%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2342, 0.3258, 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 74.2342, 0.3258, 0.3270 by changing the saturation by 10% instead.


 74.2342, 0.3258,
0.3270

 74.2342, 0.3258,
0.3270


475.2813, 0.3198,
0.3280

 54.9857, 0.3272,
0.3268


125.2277, 0.3237,
0.3273

 39.3903, 0.3289,
0.3265


157.7416, 0.3229,
0.3275

 27.0635, 0.3311,
0.3261


195.4461, 0.3222,
0.3276

 17.6209, 0.3339,
0.3257

238.7256, 0.3216,
0.3277

 10.6782, 0.3378,
0.3250

287.9644, 0.3210,
0.3278

 5.8509, 0.3434,
0.3240

343.5471, 0.3206,

 2.7546, 0.3522,

0.3278

0.3224

405.8579, 0.3201,
0.3279

■ 1.0050, 0.3682,
0.3194

■ 0.0000, 1.0000,
0.0000

■ 74.2342, 0.3258,
0.3270

■ 74.2342, 0.3258,
0.3270

■ 61.5739, 0.3450,
0.3245

■ 88.8380, 0.3104,
0.3294

■ 50.7660, 0.3690,
0.3218

■ 97.0806, 0.3029,
0.3290

■ 41.7265, 0.3985,
0.3192

■ 34.3611, 0.4342,
0.3169

■ 28.5669, 0.4757,
0.3154

■ 24.2296, 0.5209,
0.3151

■ 21.2193, 0.5655,
0.3166

■ 19.3830, 0.6030,
0.3199

■ 18.5060, 0.6279,
0.3244

Harmonies

Analogous

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



74.2342, 0.3184, 0.3200



74.2342, 0.3258, 0.3270



74.2342, 0.3297, 0.3347

Triad

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



74.2342, 0.3258, 0.3270



74.2342, 0.3158, 0.3432



74.2342, 0.2967, 0.3169

Complementary

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



74.2342, 0.3258, 0.3270



82.8774, 0.3010, 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.



74.2342, 0.2960, 0.3230



74.2342, 0.3258, 0.3270



74.2342, 0.3070, 0.3383

Square

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



74.2342, 0.3258, 0.3270



74.2342, 0.3239, 0.3442



74.2342, 0.2998, 0.3309



74.2342, 0.3016, 0.3141

Rectangle

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



74.2342, 0.3258, 0.3270



74.2342, 0.3298, 0.3391



74.2342, 0.2998, 0.3309



74.2342, 0.2960, 0.3186

Sweetspot

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



74.2375, 0.3258, 0.3270



94.7792, 0.3172, 0.3283



74.9022, 0.3123, 0.3085



19.9956, 0.3184, 0.3281



0.0000, 0.0000, 0.0000



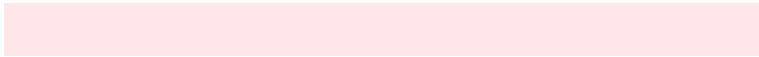
21.4041, 0.3127, 0.3290

Same Dimension

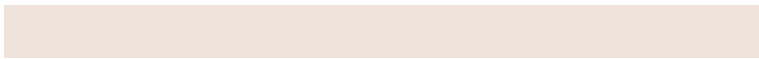
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2375, 0.3258, 0.3270



83.4017, 0.3288, 0.3266



78.3912, 0.3263, 0.3373



15.7840, 0.3278, 0.3267



10.1846, 0.6288, 0.3237



0.8557, 0.6044, 0.3103

Inverse Universe

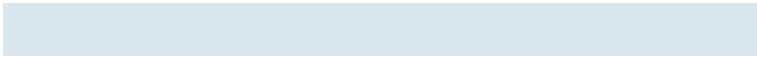
The Inverse Universe completely reimagines the original color for something new.



74.2375, 0.3258, 0.3270



83.4017, 0.3288, 0.3266



78.4315, 0.2998, 0.3205



15.7840, 0.3278, 0.3267



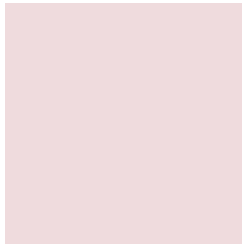
10.1846, 0.6288, 0.3237



0.8557, 0.6044, 0.3103

Previews

White Background



This preview shows how the Yxy color 74.2342, 0.3258, 0.3270 looks on a white background.

Color Contrast Check

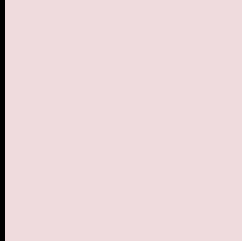
Large Text (above 18pt) WCAG AA × Fail

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 74.2342, 0.3258, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

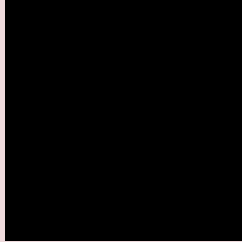
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

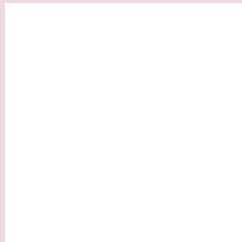
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2342, 0.3258, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 74.2342, 0.3258, 0.3270.



This preview shows how white text looks on a background with the Yxy color 74.2342, 0.3258, 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

74.2342, 0.3258, 0.3270

Protanopia

74.5970, 0.3162, 0.3290

Deuteranopia

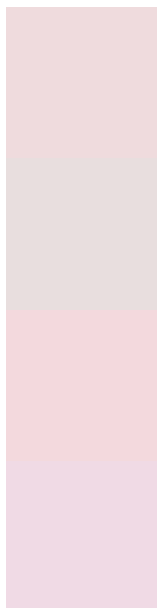
73.9250, 0.3313, 0.3239



Tritanopia

74.2670, 0.3186, 0.3115

Trichromacy



Original Color

74.2342, 0.3258, 0.3270

Protanomaly

74.6723, 0.3198, 0.3290

Deuteranomaly

73.9009, 0.3290, 0.3249

Tritanomaly

74.3252, 0.3212, 0.3176

Monochromacy



Original Color

74.2342, 0.3258, 0.3270

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9802, 0.3170, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2342, 0.3258, 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(239, 219, 221)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 219, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.2342, 0.3258, 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(239, 219, 221) }
```

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

```
.border{ border-color:rgb(239, 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(239, 219, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 219,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2342, 0.3258, 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(239, 219, 221) }
```

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

```
.background{ background-color: rgb(239,  
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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