

Converting Colors

$Y_{xy}(73.5521, 0.3090, 0.3193)$

Have a look what the booklet for
Yxy(73.5521, 0.3090, 0.3193)
contains.

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Color

Yxy(73.2734, 0.3089, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	E0DDE6
RGB	224, 221, 230
RGB Percent	88%, 87%, 90%
CMY	0.1218, 0.1332, 0.0980
CMYK	0.03, 0.04, 0.00, 0.10
HSL	259°, 15%, 88%
HSV	259°, 4%, 90%
XYZ	70.8646, 73.2734, 85.2715
YIQ	222.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

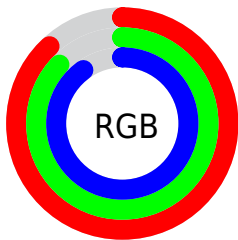
Format	Color
RYB	224, 221, 230
Decimal	14736870
CIELab	88.58, 2.62, -4.04
CIELCh	89, 4.817, 302.917
Yxy	73.2734, 0.3089, 0.3194
Android (android.graphics.Color)	4292926950 (0xFFE0DDE6)
YUV	222.9230, 3.4890, 0.9445
Hunter-Lab	85.5999, -2.0270, 0.8574

Details

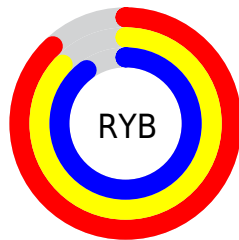
The Yxy color **73.2734, 0.3089, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1625, 0.3164, 0.3385**, and the grayscale version is **73.7057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8026, 0.3078, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **59.5795, 0.2980, 0.2930**, and if you desaturate by 10%, it is **88.8645, 0.3182, 0.3432**.

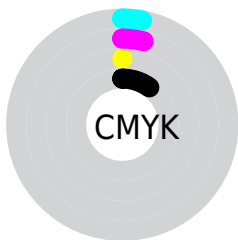
Distribution



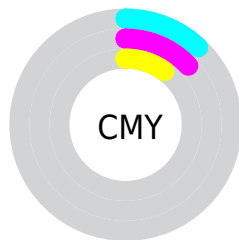
- Red (88%)
- Green (87%)
- Blue (90%)



- Red (88%)
- Yellow (87%)
- Blue (90%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2734, 0.3089, 0.3194 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 73.2734, 0.3089, 0.3194 by changing the saturation by 10% instead.

■ 73.2734, 0.3089,
0.3194

■ 73.2734, 0.3089,
0.3194

471.9618, 0.3107,
0.3238

■ 54.1995, 0.3085,
0.3184

123.8653, 0.3095,
0.3209

■ 38.7612, 0.3080,
0.3172

156.1521, 0.3098,
0.3215

■ 26.5740, 0.3073,
0.3156

193.6120, 0.3100,
0.3220

■ 17.2536, 0.3065,
0.3135

236.6294, 0.3101,
0.3225

■ 10.4154, 0.3053,
0.3108

285.5886, 0.3103,
0.3229

■ 5.6753, 0.3037,
0.3068

340.8742, 0.3104,

■ 2.6486, 0.3010,

0.3232

0.3006

402.8705, 0.3106,
0.3235

■ 0.9512, 0.2961,
0.2895

■ 0.0000, 0.0000,
0.0000

■ 73.2734, 0.3089,
0.3194

■ 73.2734, 0.3089,
0.3194

■ 59.5795, 0.2980,
0.2930

■ 88.8645, 0.3182,
0.3432

■ 47.7000, 0.2855,
0.2641

■ 98.4933, 0.3274,
0.3532

■ 37.5601, 0.2714,
0.2332

■ 29.0759, 0.2558,
0.2011

■ 22.1565, 0.2392,
0.1692

■ 16.7020, 0.2223,
0.1391

■ 12.6004, 0.2058,
0.1128

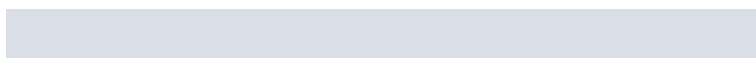
■ 9.7230, 0.1909,
0.0921

■ 7.9141, 0.1784,
0.0780

Harmonies

Analogous

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



73.2734, 0.3041, 0.3195



73.2734, 0.3089, 0.3194



73.2734, 0.3147, 0.3219

Triad

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



73.2734, 0.3089, 0.3194



73.2734, 0.3239, 0.3359



73.2734, 0.3054, 0.3318

Complementary

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



73.2734, 0.3089, 0.3194



78.1625, 0.3164, 0.3385

Split Complementary

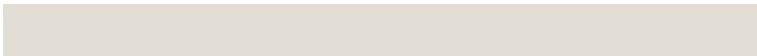
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2734, 0.3106, 0.3363



73.2734, 0.3089, 0.3194



73.2734, 0.3214, 0.3387

Square

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



73.2734, 0.3089, 0.3194



73.2734, 0.3234, 0.3313



73.2734, 0.3165, 0.3388



73.2734, 0.3021, 0.3266

Rectangle

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



73.2734, 0.3089, 0.3194



73.2734, 0.3184, 0.3246



73.2734, 0.3165, 0.3388



73.2734, 0.3070, 0.3335

Sweetspot

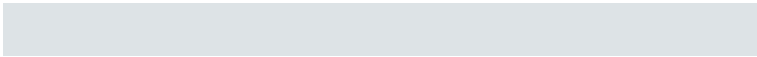
The Sweet Spot groups the original color and five complimentary colors.



73.2765, 0.3089, 0.3194



98.0584, 0.3118, 0.3266



76.1149, 0.3067, 0.3259



21.0090, 0.3118, 0.3267



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.



73.2765, 0.3089, 0.3194



90.5353, 0.3078, 0.3166



73.9919, 0.3120, 0.3195



15.2499, 0.3071, 0.3149



4.1297, 0.1735, 0.0729



0.3539, 0.1894, 0.0817

Inverse Universe

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



74.1008, 0.3151, 0.3226



91.8699, 0.3158, 0.3207



77.4524, 0.3134, 0.3386



15.5060, 0.3162, 0.3196



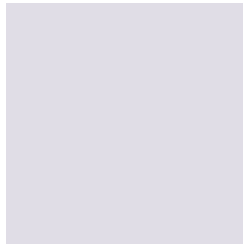
10.8960, 0.4235, 0.2107



0.8220, 0.4048, 0.2003

Previews

White Background



This preview shows how the Yxy color 73.2734, 0.3089, 0.3194 looks on a white background.

Color Contrast Check

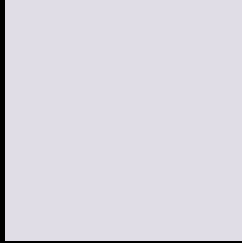
Large Text (above 18pt) WCAG AA × Fail

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 73.2734, 0.3089, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

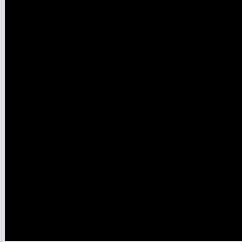
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

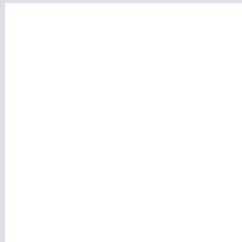
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2734, 0.3089, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 73.2734, 0.3089, 0.3194.

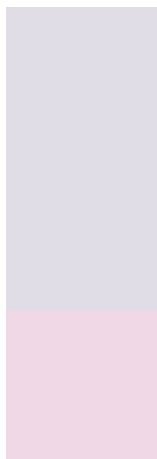


This preview shows how white text looks on a background with the Yxy color 73.2734, 0.3089, 0.3194.

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

73.2734, 0.3089, 0.3194

Protanopia

73.2734, 0.3089, 0.3194

Deuteranopia

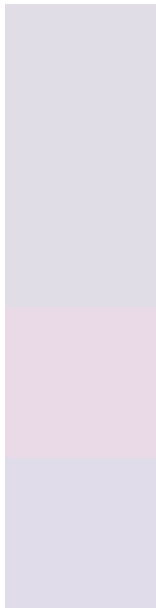
73.4065, 0.3200, 0.3135



Tritanopia

73.3084, 0.3052, 0.3110

Trichromacy



Original Color

73.2734, 0.3089, 0.3194

Protanomaly

73.2734, 0.3089, 0.3194

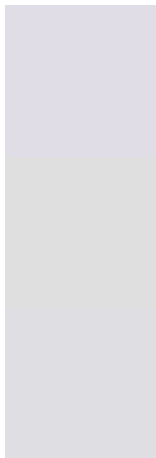
Deuteranomaly

73.4048, 0.3155, 0.3154

Tritanomaly

73.1345, 0.3071, 0.3141

Monochromacy



Original Color

73.2734, 0.3089, 0.3194

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4215, 0.3108, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2734, 0.3089, 0.3194 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(224, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 230)  
}
```

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(224, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.2734, 0.3089, 0.3194 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(224, 221, 230) }
```

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

```
.border{ border-color:rgb(224, 221, 230) }
```

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

Here you see how a box with a 4 pixel rgb(224, 221, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
230) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.2734, 0.3089, 0.3194$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 230) }
```

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

```
.background{ background-color: rgb(224,  
221, 230) }
```

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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