

Converting Colors

$Yxy(74.1205, 0.3088, 0.3226)$

Have a look what the booklet for
Yxy(74.1205, 0.3088, 0.3226)
contains.

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Color

Yxy(74.1205, 0.3088, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	DFDFE5
RGB	223, 223, 229
RGB Percent	87%, 87%, 90%
CMY	0.1257, 0.1254, 0.1020
CMYK	0.03, 0.03, 0.00, 0.10
HSL	239°, 10%, 89%
HSV	239°, 3%, 90%
XYZ	70.9498, 74.1205, 84.6894
YIQ	223.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

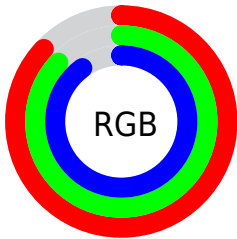
Format	Color
R _Y B	223, 223, 229
Decimal	14671845
CIE Lab	88.98, 1.07, -2.93
CIE LCh	89, 3.120, 290.037
Yxy	74.1205, 0.3088, 0.3226
Android (android.graphics.Color)	4292861925 (0xFFDFDFE5)
YUV	223.6840, 2.6208, -0.5999
Hunter-Lab	86.0933, -3.5606, 1.9421

Details

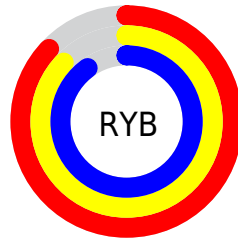
The Yxy color **74.1205, 0.3088, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.9789, 0.3166, 0.3353**, and the grayscale version is **74.2831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3861, 0.3077, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **59.4279, 0.2926, 0.2962**, and if you desaturate by 10%, it is **90.9291, 0.3229, 0.3456**.

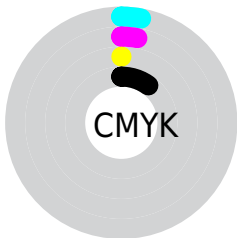
Distribution



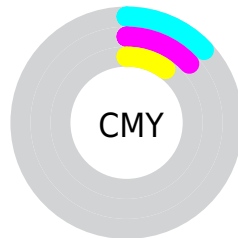
- Red (87%)
- Green (87%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1205, 0.3088, 0.3226 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 74.1205, 0.3088, 0.3226 by changing the saturation by 10% instead.

■ 74.1205, 0.3088,
0.3226

■ 74.1205, 0.3088,
0.3226

474.8892, 0.3106,
0.3256

■ 54.8927, 0.3084,
0.3219

125.0666, 0.3094,
0.3236

■ 39.3158, 0.3079,
0.3211

157.5537, 0.3097,
0.3240

■ 27.0055, 0.3072,
0.3200

195.2293, 0.3099,
0.3244

■ 17.5773, 0.3064,
0.3187

238.4778, 0.3101,
0.3247

■ 10.6470, 0.3052,
0.3168

287.6837, 0.3102,
0.3249

■ 5.8300, 0.3035,
0.3141

343.2313, 0.3104,

■ 2.7420, 0.3009,

0.3252

0.3100

405.5049, 0.3105,
0.3254

0.9986, 0.2962,
0.3025

0.0000, 0.0000,
0.0000

74.1205, 0.3088,
0.3226

74.1205, 0.3088,
0.3226

59.4279, 0.2926,
0.2962

90.9291, 0.3229,
0.3456

46.7585, 0.2744,
0.2664

98.4367, 0.3280,
0.3542

36.0265, 0.2544,
0.2335

27.1366, 0.2332,
0.1985

■ 19.9852, 0.2117,
0.1631

■ 14.4584, 0.1914,
0.1295

■ 10.4291, 0.1740,
0.1006

■ 7.7511, 0.1609,
0.0788

■ 6.2488, 0.1531,
0.0655

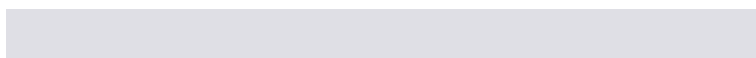
Harmonies

Analogous

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



74.1205, 0.3063, 0.3234



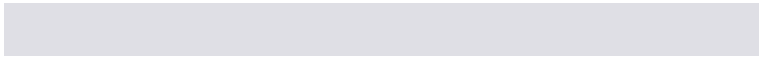
74.1205, 0.3088, 0.3226



74.1205, 0.3124, 0.3235

Triad

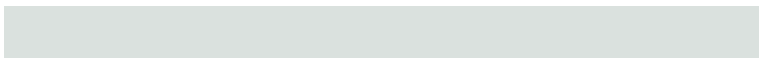
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1205, 0.3088, 0.3226



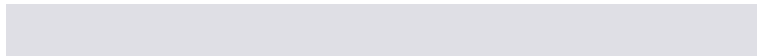
74.1205, 0.3200, 0.3323



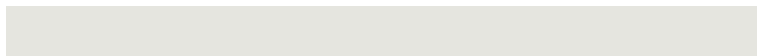
74.1205, 0.3093, 0.3322

Complementary

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



74.1205, 0.3088, 0.3226



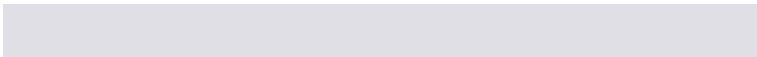
77.9789, 0.3166, 0.3353

Split Complementary

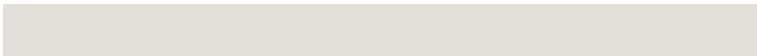
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1205, 0.3130, 0.3346



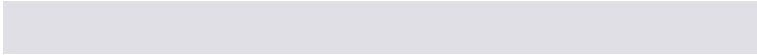
74.1205, 0.3088, 0.3226



74.1205, 0.3192, 0.3347

Square

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



74.1205, 0.3088, 0.3226



74.1205, 0.3189, 0.3291



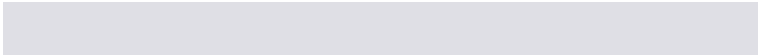
74.1205, 0.3166, 0.3355



74.1205, 0.3066, 0.3289

Rectangle

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



74.1205, 0.3088, 0.3226



74.1205, 0.3149, 0.3250



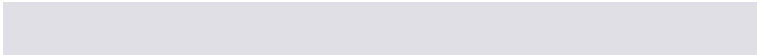
74.1205, 0.3166, 0.3355



74.1205, 0.3105, 0.3331

Sweetspot

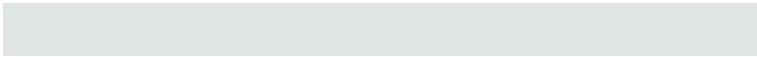
The Sweet Spot groups the original color and five complimentary colors.



74.1237, 0.3088, 0.3226



97.9214, 0.3112, 0.3266



77.3661, 0.3087, 0.3291



20.9811, 0.3113, 0.3267



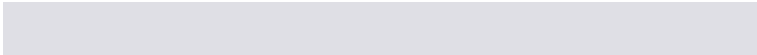
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



74.1237, 0.3088, 0.3226



93.8464, 0.3082, 0.3217



74.5549, 0.3108, 0.3226



15.7549, 0.3071, 0.3198



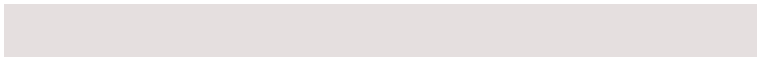
3.2781, 0.1502, 0.0607



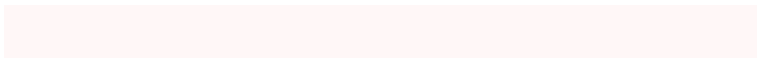
0.2515, 0.1508, 0.0628

Inverse Universe

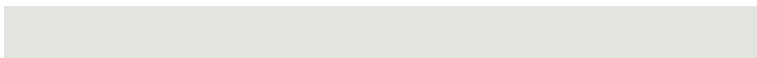
The Inverse Universe completely reimagines the original color for something new.



74.7358, 0.3169, 0.3289



94.7382, 0.3176, 0.3289



77.5403, 0.3146, 0.3354



15.9447, 0.3188, 0.3289



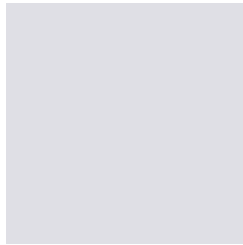
9.5286, 0.6388, 0.3293



0.7051, 0.6353, 0.3273

Previews

White Background



This preview shows how the Yxy color 74.1205, 0.3088, 0.3226 looks on a white background.

Color Contrast Check

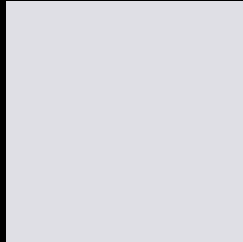
Large Text (above 18pt) WCAG AA × Fail

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 74.1205, 0.3088, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

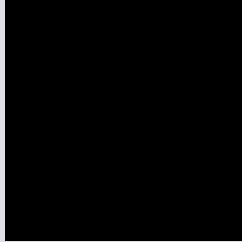
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

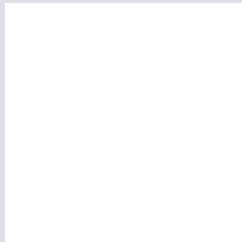
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1205, 0.3088, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 74.1205, 0.3088, 0.3226.

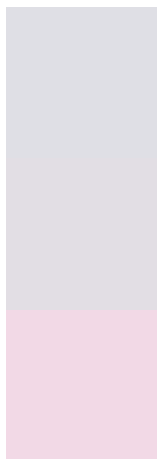


This preview shows how white text looks on a background with the Yxy color 74.1205, 0.3088, 0.3226.

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

74.1205, 0.3088, 0.3226

Protanopia

74.0127, 0.3116, 0.3226

Deuteranopia

74.2161, 0.3220, 0.3156



Tritanopia

73.9524, 0.3039, 0.3100

Trichromacy



Original Color

74.1205, 0.3088, 0.3226

Protanomaly

73.8515, 0.3109, 0.3226

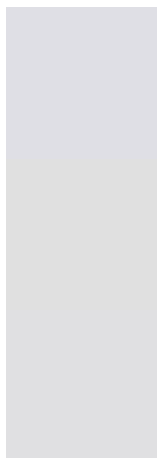
Deuteranomaly

74.0384, 0.3168, 0.3175

Tritanomaly

74.0880, 0.3057, 0.3152

Monochromacy



Original Color

74.1205, 0.3088, 0.3226

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6496, 0.3114, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1205, 0.3088, 0.3226 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(223, 223, 229)` looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 229)  
}
```

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(223, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.1205, 0.3088, 0.3226 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(223, 223, 229) }
```

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

```
.border{ border-color:rgb(223, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 223, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 223, 229); box-shadow:4px 4px 4px 4px rgb(223, 223, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1205, 0.3088, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 229) }
```

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

```
.background{ background-color: rgb(223,  
223, 229) }
```

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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