

Converting Colors

$Yxy(71.9786, 0.2978, 0.3092)$

Have a look what the booklet for
Yxy(71.9786, 0.2978, 0.3092)
contains.

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Color

Yxy(71.9584, 0.2984, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	D8DCEE
RGB	216, 220, 238
RGB Percent	85%, 86%, 93%
CMY	0.1527, 0.1373, 0.0667
CMYK	0.09, 0.08, 0.00, 0.07
HSL	229°, 39%, 89%
HSV	229°, 9%, 93%
XYZ	69.3553, 71.9584, 91.1101
YIQ	220.8560, -8.1620, 4.7500

Conversions

Conversions Part 2

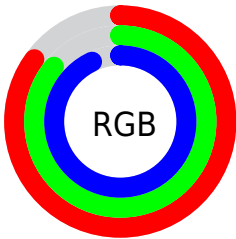
Format	Color
R _Y B	216, 219, 238
Decimal	14212334
CIE Lab	87.95, 2.09, -9.24
CIE LCh	88, 9.477, 282.732
Yxy	71.9584, 0.2984, 0.3096
Android (android.graphics.Color)	4292402414 (0xFFD8DCEE)
YUV	220.8560, 8.4520, -4.2587
Hunter-Lab	84.8283, -2.5087, -4.3008

Details

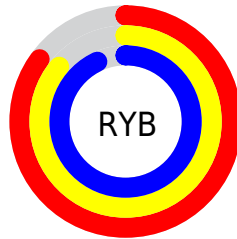
The Yxy color **71.9584, 0.2984, 0.3096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.0114, 0.3268, 0.3477**, and the grayscale version is **72.1508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8647, 0.2949, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **58.9343, 0.2814, 0.2859**, and if you desaturate by 10%, it is **86.7113, 0.3139, 0.3306**.

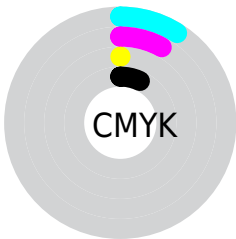
Distribution



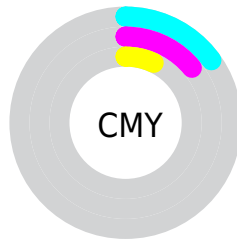
- Red (85%)
- Green (86%)
- Blue (93%)



- Red (85%)
- Yellow (86%)
- Blue (93%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9584, 0.2984, 0.3096 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 71.9584, 0.2984, 0.3096 by changing the saturation by 10% instead.

■ 71.9584, 0.2984,
0.3096

■ 71.9584, 0.2984,
0.3096

467.3968, 0.3050,
0.3185

■ 53.1247, 0.2969,
0.3076

121.9974, 0.3007,
0.3127

■ 37.9023, 0.2950,
0.3051

153.9715, 0.3016,
0.3139

■ 25.9069, 0.2926,
0.3019

191.0944, 0.3024,
0.3149

■ 16.7540, 0.2895,
0.2977

233.7507, 0.3030,
0.3158

■ 10.0593, 0.2852,
0.2921

282.3247, 0.3036,
0.3166

■ 5.4383, 0.2790,
0.2841

337.2008, 0.3042,

■ 2.5066, 0.2693,

0.3174

0.2716

398.7633, 0.3046,
0.3180

0.8800, 0.2520,
0.2497

0.0000, 0.0000,
0.0000

71.9584, 0.2984,
0.3096

71.9584, 0.2984,
0.3096

58.9343, 0.2814,
0.2859

86.7113, 0.3139,
0.3306

47.5663, 0.2629,
0.2595

98.9522, 0.3226,
0.3454

37.7901, 0.2435,
0.2308

29.5335, 0.2237,
0.2005

■ 22.7186, 0.2044,
0.1697

■ 17.2606, 0.1868,
0.1400

■ 13.0652, 0.1721,
0.1134

■ 10.0252, 0.1612,
0.0915

■ 8.0013, 0.1545,
0.0755

Harmonies

Analogous

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



71.9584, 0.2919, 0.3130



71.9584, 0.2984, 0.3096



71.9584, 0.3088, 0.3113

Triad

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



71.9584, 0.2984, 0.3096



71.9584, 0.3350, 0.3366



71.9584, 0.3049, 0.3410

Complementary

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



71.9584, 0.2984, 0.3096



82.0114, 0.3268, 0.3477

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.



71.9584, 0.3164, 0.3476



71.9584, 0.2984, 0.3096



71.9584, 0.3339, 0.3448

Square

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



71.9584, 0.2984, 0.3096



71.9584, 0.3300, 0.3266



71.9584, 0.3270, 0.3489



71.9584, 0.2956, 0.3311

Rectangle

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



71.9584, 0.2984, 0.3096



71.9584, 0.3166, 0.3150



71.9584, 0.3270, 0.3489



71.9584, 0.3086, 0.3437

Sweetspot

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



71.9614, 0.2984, 0.3096



94.6373, 0.3082, 0.3229



81.6867, 0.3009, 0.3332



19.9563, 0.3070, 0.3212



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.



71.9614, 0.2984, 0.3096



81.2446, 0.2954, 0.3055



71.0023, 0.3032, 0.3056



15.6870, 0.2980, 0.3090



4.5273, 0.1546, 0.0765



0.5049, 0.1606, 0.0983

Inverse Universe

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



72.4832, 0.3261, 0.3249



81.9959, 0.3291, 0.3241



83.0970, 0.3217, 0.3520



15.8051, 0.3265, 0.3248



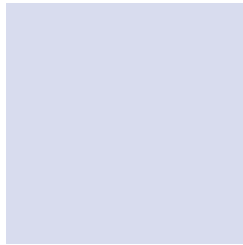
10.2504, 0.6126, 0.3149



0.8657, 0.5785, 0.2961

Previews

White Background



This preview shows how the Yxy color 71.9584, 0.2984, 0.3096 looks on a white background.

Color Contrast Check

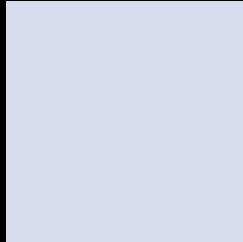
Large Text (above 18pt) WCAG AA × Fail

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 71.9584, 0.2984, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

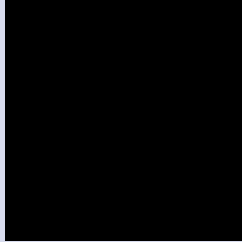
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

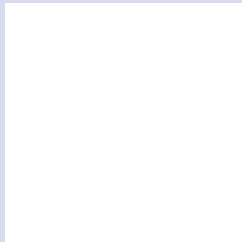
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9584, 0.2984, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 71.9584, 0.2984, 0.3096.

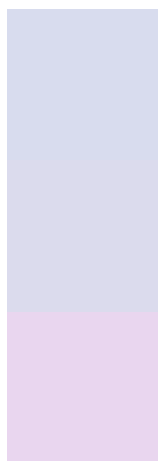


This preview shows how white text looks on a background with the Yxy color 71.9584, 0.2984, 0.3096.

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

71.9584, 0.2984, 0.3096

Protanopia

71.8375, 0.3010, 0.3097

Deuteranopia

71.6488, 0.3096, 0.3029



Tritanopia

71.8998, 0.2990, 0.3106

Trichromacy



Original Color

71.9584, 0.2984, 0.3096

Protanomaly

71.6829, 0.3003, 0.3096

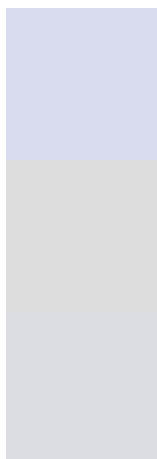
Deuteranomaly

71.6746, 0.3053, 0.3047

Tritanomaly

71.8998, 0.2990, 0.3106

Monochromacy



Original Color

71.9584, 0.2984, 0.3096

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3190, 0.3074, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9584, 0.2984, 0.3096 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(216, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(216, 220, 238)  
}
```

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(216, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 220, 238) }
```

Border

The CSS property to change the border of an element to Yxy 71.9584, 0.2984, 0.3096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

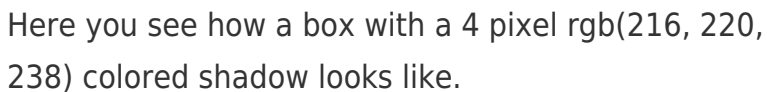
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 220, 238) }
```

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

```
.border{ border-color:rgb(216, 220, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 220, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 220, 238); box-shadow:4px 4px 4px 4px rgb(216, 220, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9584, 0.2984, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 220, 238) }
```

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

```
.background{ background-color: rgb(216,  
220, 238) }
```

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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