

Converting Colors

Yxy(66.5870, 0.2973, 0.3039)

Have a look what the booklet for
Yxy(66.5870, 0.2973, 0.3039)
contains.

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Color

Yxy(66.3779, 0.2974, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	D3D3EA
RGB	211, 211, 234
RGB Percent	83%, 83%, 92%
CMY	0.1723, 0.1726, 0.0823
CMYK	0.10, 0.10, 0.00, 0.08
HSL	240°, 35%, 87%
HSV	240°, 10%, 92%
XYZ	65.0224, 66.3779, 87.2358
YIQ	213.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

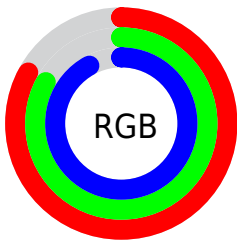
Format	Color
R _Y B	211, 211, 234
Decimal	13882346
CIE Lab	85.19, 4.41, -11.29
CIE LCh	85, 12.122, 291.323
Yxy	66.3779, 0.2974, 0.3036
Android (android.graphics.Color)	4292072426 (0xFFD3D3EA)
YUV	213.6220, 10.0464, -2.2995
Hunter-Lab	81.4726, -0.1183, -6.4532

Details

The Yxy color $66.3779, 0.2974, 0.3036$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81.0385, 0.3273, 0.3532$, and the grayscale version is $66.9198, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3962, 0.2935, 0.2986$ is the 20% darker color. If you saturate the color by 10%, you get $52.3875, 0.2797, 0.2743$, and if you desaturate by 10%, it is $82.5665, 0.3129, 0.3294$.

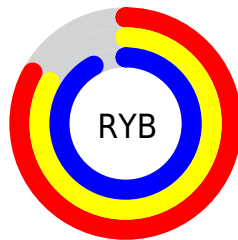
Distribution



Red (83%)

Green (83%)

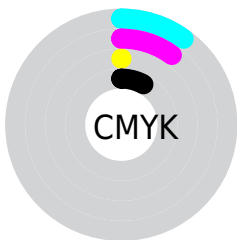
Blue (92%)



Red (83%)

Yellow (83%)

Blue (92%)

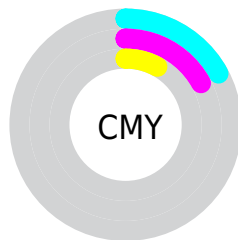


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (17%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3779, 0.2974, 0.3036 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 66.3779, 0.2974, 0.3036 by changing the saturation by 10% instead.

■ 66.3779, 0.2974,
0.3036

■ 66.3779, 0.2974,
0.3036

447.7272, 0.3046,
0.3154

■ 48.5792, 0.2957,
0.3009

114.0286, 0.2999,
0.3077

■ 34.2858, 0.2936,
0.2975

144.6493, 0.3009,
0.3093

■ 23.1133, 0.2909,
0.2933

180.3129, 0.3018,
0.3107

■ 14.6772, 0.2874,
0.2877

221.4038, 0.3025,
0.3119

■ 8.5931, 0.2824,
0.2800

268.3062, 0.3031,
0.3129

■ 4.4768, 0.2751,
0.2689

321.4047, 0.3037,

■ 1.9437, 0.2633,

0.3138

0.2515

381.0835, 0.3042,
0.3147

0.5744, 0.2406,
0.2114

0.0000, 0.0000,
0.0000

66.3779, 0.2974,
0.3036

66.3779, 0.2974,
0.3036

52.3875, 0.2797,
0.2743

82.5665, 0.3129,
0.3294

40.4928, 0.2601,
0.2419

98.7213, 0.3250,
0.3493

30.5954, 0.2391,
0.2070

22.5858, 0.2174,
0.1711

■ 16.3441, 0.1965,
0.1366

■ 11.7366, 0.1781,
0.1062

■ 8.6106, 0.1638,
0.0826

■ 6.7846, 0.1546,
0.0674

■ 5.9563, 0.1501,
0.0601

Harmonies

Analogous

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



66.3779, 0.2872, 0.3060



66.3779, 0.2974, 0.3036



66.3779, 0.3118, 0.3076

Triad

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



66.3779, 0.2974, 0.3036



66.3779, 0.3425, 0.3422



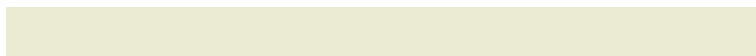
66.3779, 0.2985, 0.3414

Complementary

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



66.3779, 0.2974, 0.3036



81.0385, 0.3273, 0.3532

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.



66.3779, 0.3130, 0.3517



66.3779, 0.2974, 0.3036



66.3779, 0.3387, 0.3519

Square

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



66.3779, 0.2974, 0.3036



66.3779, 0.3382, 0.3295



66.3779, 0.3278, 0.3555



66.3779, 0.2879, 0.3277

Rectangle

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



66.3779, 0.2974, 0.3036



66.3779, 0.3220, 0.3134



66.3779, 0.3278, 0.3555



66.3779, 0.3030, 0.3454

Sweetspot

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



66.3807, 0.2974, 0.3036



93.7978, 0.3082, 0.3216



78.6413, 0.2976, 0.3290



19.7308, 0.3070, 0.3195



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.



66.3807, 0.2974, 0.3036



76.6725, 0.2937, 0.2974



68.1322, 0.3055, 0.3042



14.5511, 0.2980, 0.3046



3.3417, 0.1501, 0.0601



0.2632, 0.1504, 0.0602

Inverse Universe

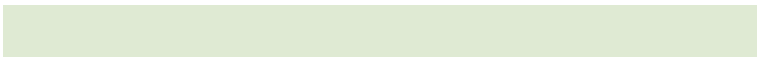
The Inverse Universe completely reimagines the original color for something new.



70.0142, 0.3139, 0.3049



82.0007, 0.3142, 0.2994



79.1642, 0.3194, 0.3538



15.3130, 0.3138, 0.3059



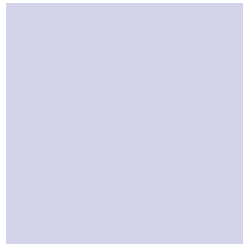
13.1459, 0.3217, 0.1546



1.0325, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 66.3779, 0.2974, 0.3036 looks on a white background.

Color Contrast Check

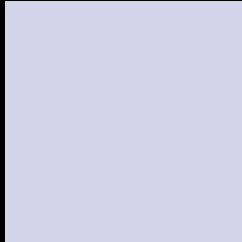
Large Text (above 18pt) WCAG AA × Fail

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 66.3779, 0.2974, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

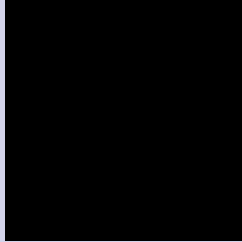
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3779, 0.2974, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 66.3779, 0.2974, 0.3036.

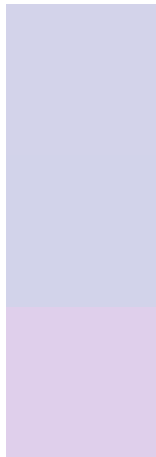


This preview shows how white text looks on a background with the Yxy color 66.3779, 0.2974, 0.3036.

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

66.3779, 0.2974, 0.3036

Protanopia

66.2307, 0.2967, 0.3036

Deuteranopia

66.3118, 0.3053, 0.2989



Tritanopia

66.4457, 0.2999, 0.3101

Trichromacy



Original Color

66.3779, 0.2974, 0.3036

Protanomaly

66.2307, 0.2967, 0.3036

Deuteranomaly

66.1700, 0.3024, 0.2997

Tritanomaly

66.5581, 0.2986, 0.3079

Monochromacy



Original Color

66.3779, 0.2974, 0.3036

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.9551, 0.3073, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3779, 0.2974, 0.3036 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(211, 211, 234)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 234)  
}
```

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(211, 211, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 234) }
```

Border

The CSS property to change the border of an element to Yxy 66.3779, 0.2974, 0.3036 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(211, 211, 234) }
```

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

```
.border{ border-color:rgb(211, 211, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 234);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3779, 0.2974, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 234) }
```

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

```
.background{ background-color: rgb(211,  
211, 234) }
```

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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