

Converting Colors

$Yxy(74.0255, 0.2992, 0.3078)$

Have a look what the booklet for
Yxy(74.0255, 0.2992, 0.3078)
contains.

Yxy(74.0255, 0.2992, 0.3078)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.0255, 0.2992, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	DDDEF2
RGB	221, 222, 242
RGB Percent	87%, 87%, 95%
CMY	0.1335, 0.1293, 0.0509
CMYK	0.09, 0.08, 0.00, 0.05
HSL	237°, 45%, 91%
HSV	237°, 9%, 95%
XYZ	71.9572, 74.0255, 94.5160
YIQ	223.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

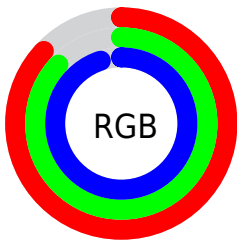
Format	Color
R _Y B	221, 222, 242
Decimal	14540530
CIE Lab	88.93, 3.40, -9.86
CIE LCh	89, 10.433, 289.014
Yxy	74.0255, 0.2992, 0.3078
Android (android.graphics.Color)	4292730610 (0xFFDDDEF2)
YUV	223.9810, 8.8834, -2.6143
Hunter-Lab	86.0381, -1.2797, -4.9056

Details

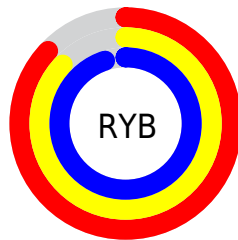
The Yxy color **74.0255, 0.2992, 0.3078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86.9799, 0.3258, 0.3494**, and the grayscale version is **74.4636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2896, 0.2961, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **59.1166, 0.2818, 0.2804**, and if you desaturate by 10%, it is **91.1508, 0.3146, 0.3319**.

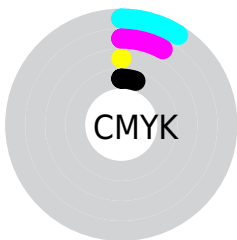
Distribution



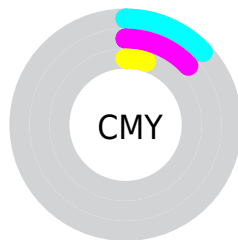
- Red (87%)
- Green (87%)
- Blue (95%)



- Red (87%)
- Yellow (87%)
- Blue (95%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0255, 0.2992, 0.3078 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 74.0255, 0.2992, 0.3078 by changing the saturation by 10% instead.

■ 74.0255, 0.2992,
0.3078

■ 74.0255, 0.2992,
0.3078

474.5614, 0.3055,
0.3175

■ 54.8149, 0.2978,
0.3056

124.9320, 0.3014,
0.3111

■ 39.2536, 0.2960,
0.3029

157.3966, 0.3022,
0.3125

■ 26.9570, 0.2938,
0.2995

195.0481, 0.3029,
0.3136

■ 17.5410, 0.2909,
0.2951

238.2707, 0.3036,
0.3146

■ 10.6209, 0.2869,
0.2892

287.4490, 0.3041,
0.3154

■ 5.8126, 0.2812,
0.2808

342.9673, 0.3046,

■ 2.7314, 0.2723,

0.3162

0.2679

405.2099, 0.3051,
0.3169

0.9932, 0.2566,
0.2459

0.0000, 0.0000,
0.0000

74.0255, 0.2992,
0.3078

74.0255, 0.2992,
0.3078

59.1166, 0.2818,
0.2804

91.1508, 0.3146,
0.3319

46.3245, 0.2627,
0.2498

99.1921, 0.3203,
0.3415

35.5561, 0.2421,
0.2167

26.7078, 0.2208,
0.1823

■ 19.6665, 0.2002,
0.1483

■ 14.3076, 0.1816,
0.1172

■ 10.4904, 0.1666,
0.0915

■ 8.0515, 0.1564,
0.0733

■ 6.7817, 0.1511,
0.0631

Harmonies

Analogous

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



74.0255, 0.2911, 0.3103



74.0255, 0.2992, 0.3078



74.0255, 0.3111, 0.3107

Triad

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



74.0255, 0.2992, 0.3078



74.0255, 0.3374, 0.3393



74.0255, 0.3018, 0.3401

Complementary

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



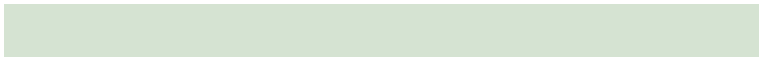
74.0255, 0.2992, 0.3078



86.9799, 0.3258, 0.3494

Split Complementary

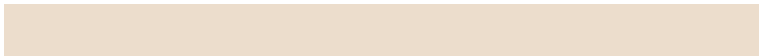
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0255, 0.3140, 0.3482



74.0255, 0.2992, 0.3078



74.0255, 0.3347, 0.3476

Square

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



74.0255, 0.2992, 0.3078



74.0255, 0.3333, 0.3287



74.0255, 0.3261, 0.3509



74.0255, 0.2925, 0.3288

Rectangle

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



74.0255, 0.2992, 0.3078



74.0255, 0.3195, 0.3154



74.0255, 0.3261, 0.3509



74.0255, 0.3056, 0.3433

Sweetspot

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



74.0286, 0.2992, 0.3078



94.0322, 0.3082, 0.3220



85.2090, 0.3001, 0.3304



19.7937, 0.3070, 0.3200



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.



74.0286, 0.2992, 0.3078



80.9982, 0.2970, 0.3044



74.9335, 0.3054, 0.3071



15.3575, 0.2979, 0.3058



3.6465, 0.1509, 0.0632



0.3484, 0.1532, 0.0714

Inverse Universe

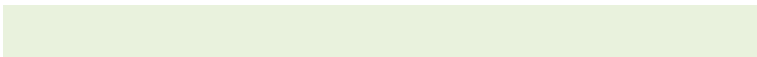
The Inverse Universe completely reimagines the original color for something new.



75.8413, 0.3271, 0.3279



83.3337, 0.3296, 0.3278



86.0398, 0.3195, 0.3508



15.7719, 0.3285, 0.3278



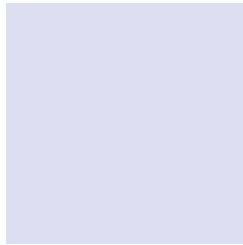
10.1615, 0.6347, 0.3270



0.8499, 0.6209, 0.3194

Previews

White Background



This preview shows how the Yxy color 74.0255, 0.2992, 0.3078 looks on a white background.

Color Contrast Check

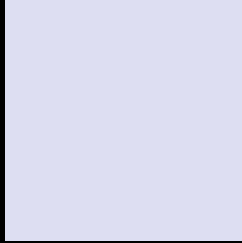
Large Text (above 18pt) WCAG AA × Fail

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 74.0255, 0.2992, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

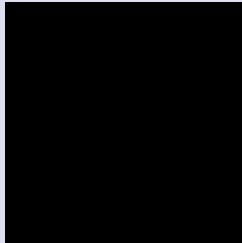
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

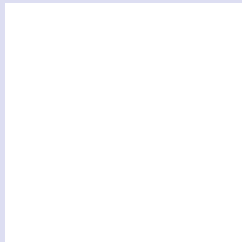
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0255, 0.2992, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 74.0255, 0.2992, 0.3078.

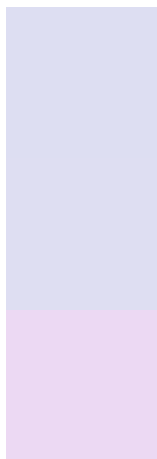


This preview shows how white text looks on a background with the Yxy color 74.0255, 0.2992, 0.3078.

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

74.0255, 0.2992, 0.3078

Protanopia

74.1830, 0.2999, 0.3079

Deuteranopia

73.9296, 0.3090, 0.3023



Tritanopia

73.9060, 0.3005, 0.3099

Trichromacy



Original Color

74.0255, 0.2992, 0.3078

Protanomaly

74.1830, 0.2999, 0.3079

Deuteranomaly

74.1230, 0.3055, 0.3041

Tritanomaly

73.9656, 0.2999, 0.3088

Monochromacy



Original Color

74.0255, 0.2992, 0.3078

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2328, 0.3075, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0255, 0.2992, 0.3078 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(221, 222, 242)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 242)  
}
```

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(221, 222, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 242) }
```

Border

The CSS property to change the border of an element to Yxy 74.0255, 0.2992, 0.3078 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(221, 222, 242) }
```

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

```
.border{ border-color:rgb(221, 222, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 242);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0255, 0.2992, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 242) }
```

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

```
.background{ background-color: rgb(221,  
222, 242) }
```

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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