

Converting Colors

$Yxy(74.1641, 0.3032, 0.3154)$

Have a look what the booklet for
Yxy(74.1641, 0.3032, 0.3154)
contains.

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Color

Yxy(74.2036, 0.3030, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	DDDFEC
RGB	221, 223, 236
RGB Percent	87%, 87%, 93%
CMY	0.1332, 0.1255, 0.0744
CMYK	0.06, 0.06, 0.00, 0.07
HSL	232°, 28%, 90%
HSV	232°, 6%, 93%
XYZ	71.3541, 74.2036, 89.9345
YIQ	223.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

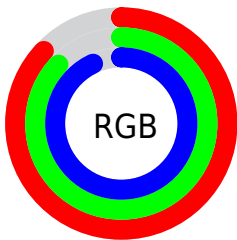
Format	Color
R _{YB}	221, 223, 236
Decimal	14540780
CIE Lab	89.02, 1.76, -6.58
CIE LCh	89, 6.816, 284.964
Yxy	74.2036, 0.3030, 0.3151
Android (android.graphics.Color)	4292730860 (0xFFDDDFEC)
YUV	223.8840, 5.9732, -2.5293
Hunter-Lab	86.1415, -2.8896, -1.6016

Details

The Yxy color **74.2036, 0.3030, 0.3151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.9322, 0.3223, 0.3425**, and the grayscale version is **74.4183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4075, 0.3009, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **60.4600, 0.2863, 0.2908**, and if you desaturate by 10%, it is **89.8002, 0.3180, 0.3365**.

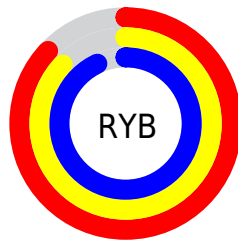
Distribution



Red (87%)

Green (87%)

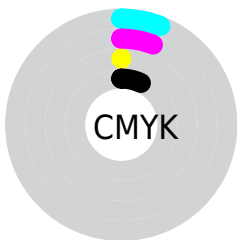
Blue (93%)



Red (87%)

Yellow (87%)

Blue (93%)

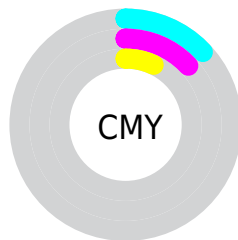


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2036, 0.3030, 0.3151 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 74.2036, 0.3030, 0.3151 by changing the saturation by 10% instead.

■ 74.2036, 0.3030,
0.3151

■ 74.2036, 0.3030,
0.3151

475.1758, 0.3075,
0.3215

■ 54.9607, 0.3020,
0.3137

125.1844, 0.3046,
0.3173

■ 39.3703, 0.3007,
0.3119

157.6910, 0.3052,
0.3182

■ 27.0479, 0.2991,
0.3096

195.3878, 0.3057,
0.3189

■ 17.6092, 0.2970,
0.3067

238.6589, 0.3061,
0.3196

■ 10.6698, 0.2942,
0.3027

287.8889, 0.3065,
0.3201

■ 5.8452, 0.2901,
0.2970

343.4621, 0.3069,

■ 2.7512, 0.2836,

0.3206

0.2882

405.7629, 0.3072,
0.3211

■ 1.0033, 0.2722,
0.2728

■ 0.0000, 0.0000,
0.0000

■ 74.2036, 0.3030,
0.3151

■ 74.2036, 0.3030,
0.3151

■ 60.4600, 0.2863,
0.2908

■ 89.8002, 0.3180,
0.3365

■ 48.4914, 0.2680,
0.2637

■ 98.8374, 0.3238,
0.3473

■ 38.2277, 0.2484,
0.2339

■ 29.5909, 0.2281,
0.2023

■ 22.4968, 0.2080,
0.1701

■ 16.8532, 0.1894,
0.1390

■ 12.5585, 0.1735,
0.1112

■ 9.4970, 0.1616,
0.0887

■ 7.5323, 0.1542,
0.0728

Harmonies

Analogous

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



74.2036, 0.2981, 0.3173



74.2036, 0.3030, 0.3151



74.2036, 0.3106, 0.3165

Triad

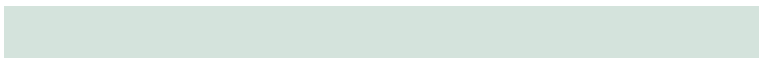
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2036, 0.3030, 0.3151



74.2036, 0.3287, 0.3350



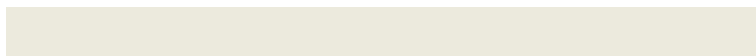
74.2036, 0.3066, 0.3371

Complementary

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



74.2036, 0.3030, 0.3151



81.9322, 0.3223, 0.3425

Split Complementary

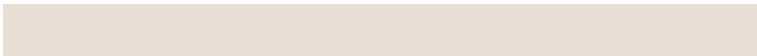
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2036, 0.3147, 0.3419



74.2036, 0.3030, 0.3151



74.2036, 0.3275, 0.3406

Square

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



74.2036, 0.3030, 0.3151



74.2036, 0.3254, 0.3279



74.2036, 0.3224, 0.3432



74.2036, 0.3001, 0.3300

Rectangle

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



74.2036, 0.3030, 0.3151



74.2036, 0.3161, 0.3193



74.2036, 0.3224, 0.3432



74.2036, 0.3092, 0.3390

Sweetspot

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



74.2067, 0.3030, 0.3151



96.2520, 0.3097, 0.3247



81.3213, 0.3041, 0.3311



20.6412, 0.3099, 0.3249



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.



74.2067, 0.3030, 0.3151



85.5465, 0.3003, 0.3112



74.0364, 0.3068, 0.3132



14.8682, 0.2980, 0.3079



3.9838, 0.1529, 0.0703



0.4150, 0.1583, 0.0898

Inverse Universe

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



74.8897, 0.3221, 0.3270



86.5788, 0.3248, 0.3264



82.1349, 0.3184, 0.3447



15.0863, 0.3272, 0.3259



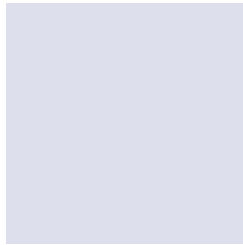
9.8950, 0.6228, 0.3205



0.7873, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 74.2036, 0.3030, 0.3151 looks on a white background.

Color Contrast Check

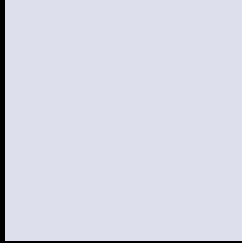
Large Text (above 18pt) WCAG AA × Fail

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 74.2036, 0.3030, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

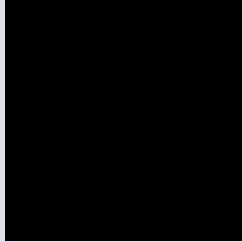
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

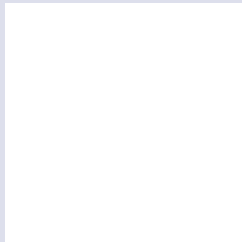
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2036, 0.3030, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 74.2036, 0.3030, 0.3151.

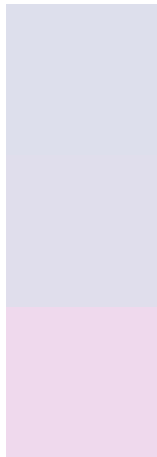


This preview shows how white text looks on a background with the Yxy color 74.2036, 0.3030, 0.3151.

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

74.2036, 0.3030, 0.3151

Protanopia

74.1460, 0.3051, 0.3141

Deuteranopia

74.0909, 0.3151, 0.3084



Tritanopia

74.0634, 0.3012, 0.3099

Trichromacy



Original Color

74.2036, 0.3030, 0.3151

Protanomaly

73.9867, 0.3044, 0.3141

Deuteranomaly

73.9333, 0.3101, 0.3102

Tritanomaly

74.0041, 0.3018, 0.3110

Monochromacy



Original Color

74.2036, 0.3030, 0.3151

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6007, 0.3094, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2036, 0.3030, 0.3151 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, 223, 236)` looks like.

```
.text, #text, p{  
    color:rgb(221, 223, 236)  
}
```

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, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 223, 236) }
```

Border

The CSS property to change the border of an element to Yxy 74.2036, 0.3030, 0.3151 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, 223, 236) }
```

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

```
.border{ border-color:rgb(221, 223, 236) }
```

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

Here you see how a box with a 4 pixel rgb(221, 223, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(221, 223,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2036, 0.3030, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 223, 236) }
```

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

```
.background{ background-color: rgb(221,  
223, 236) }
```

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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