

Converting Colors

$Yxy(75.7528, 0.3004, 0.3131)$

Have a look what the booklet for
Yxy(75.7528, 0.3004, 0.3131)
contains.

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Color

Yxy(75.5138, 0.3005, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	DDE1F0
RGB	221, 225, 240
RGB Percent	87%, 88%, 94%
CMY	0.1333, 0.1176, 0.0588
CMYK	0.08, 0.06, 0.00, 0.06
HSL	227°, 39%, 90%
HSV	227°, 8%, 94%
XYZ	72.4749, 75.5138, 93.1924
YIQ	225.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

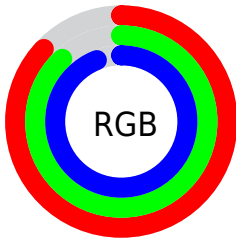
Format	Color
R _{YB}	221, 224, 240
Decimal	14541296
CIE _{Lab}	89.63, 1.48, -7.76
CIE _{LCh}	90, 7.904, 280.779
Yxy	75.5138, 0.3005, 0.3131
Android (android.graphics.Color)	4292731376 (0xFFDDE1F0)
YUV	225.5140, 7.1416, -3.9588
Hunter-Lab	86.8987, -3.2008, -2.7550

Details

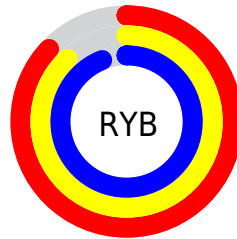
The Yxy color **75.5138, 0.3005, 0.3131** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.7450, 0.3248, 0.3444**, and the grayscale version is **75.6389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3171, 0.2977, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **62.3259, 0.2837, 0.2907**, and if you desaturate by 10%, it is **90.3849, 0.3158, 0.3329**.

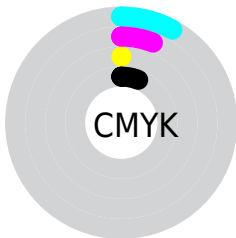
Distribution



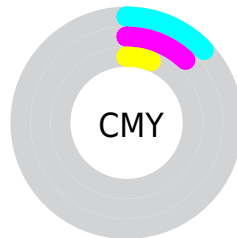
- Red (87%)
- Green (88%)
- Blue (94%)



- Red (87%)
- Yellow (88%)
- Blue (94%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5138, 0.3005, 0.3131 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 75.5138, 0.3005, 0.3131 by changing the saturation by 10% instead.

■ 75.5138, 0.3005,
0.3131

■ 75.5138, 0.3005,
0.3131

479.6817, 0.3061,
0.3204

■ 56.0339, 0.2992,
0.3115

127.0394, 0.3024,
0.3156

■ 40.2301, 0.2977,
0.3094

159.8539, 0.3032,
0.3166

■ 27.7180, 0.2957,
0.3069

197.8821, 0.3039,
0.3174

■ 18.1132, 0.2931,
0.3036

241.5083, 0.3044,
0.3182

■ 11.0313, 0.2896,
0.2991

291.1170, 0.3049,
0.3188

■ 6.0879, 0.2846,
0.2927

347.0925, 0.3054,

■ 2.8986, 0.2768,

0.3194

0.2829

409.8193, 0.3058,
0.3199

■ 1.0790, 0.2632,
0.2661

■ 0.0000, 0.0000,
0.0000

■ 75.5138, 0.3005,
0.3131

■ 75.5138, 0.3005,
0.3131

■ 62.3259, 0.2837,
0.2907

■ 90.3849, 0.3158,
0.3329

■ 50.7520, 0.2656,
0.2656

■ 99.0712, 0.3214,
0.3434

■ 40.7318, 0.2465,
0.2383

■ 32.1978, 0.2271,
0.2091

■ 25.0771, 0.2080,
0.1792

■ 19.2907, 0.1904,
0.1499

■ 14.7511, 0.1754,
0.1230

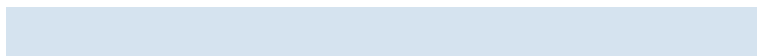
■ 11.3596, 0.1640,
0.1000

■ 8.9953, 0.1566,
0.0822

Harmonies

Analogous

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



75.5138, 0.2954, 0.3162



75.5138, 0.3005, 0.3131



75.5138, 0.3089, 0.3142

Triad

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



75.5138, 0.3005, 0.3131



75.5138, 0.3309, 0.3348



75.5138, 0.3069, 0.3393

Complementary

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



75.5138, 0.3005, 0.3131



83.7450, 0.3248, 0.3444

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.



75.5138, 0.3163, 0.3444



75.5138, 0.3005, 0.3131



75.5138, 0.3303, 0.3416

Square

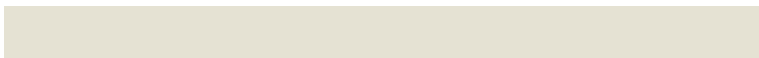
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5138, 0.3005, 0.3131



75.5138, 0.3265, 0.3265



75.5138, 0.3249, 0.3452



75.5138, 0.2991, 0.3313

Rectangle

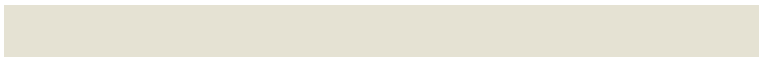
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



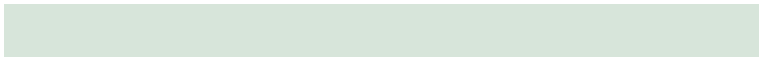
75.5138, 0.3005, 0.3131



75.5138, 0.3153, 0.3171



75.5138, 0.3249, 0.3452



75.5138, 0.3100, 0.3414

Sweetspot

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



75.5170, 0.3005, 0.3131



96.5017, 0.3097, 0.3251



83.7440, 0.3029, 0.3333



20.6920, 0.3099, 0.3253



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.



75.5170, 0.3005, 0.3131



84.8767, 0.2987, 0.3107



74.2447, 0.3042, 0.3090



15.7665, 0.2980, 0.3098



4.8657, 0.1560, 0.0814



0.5441, 0.1624, 0.1046

Inverse Universe

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



75.6824, 0.3236, 0.3249



85.1081, 0.3253, 0.3243



85.1389, 0.3208, 0.3486



15.8131, 0.3260, 0.3241



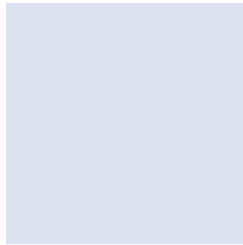
10.2845, 0.6047, 0.3105



0.8696, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 75.5138, 0.3005, 0.3131 looks on a white background.

Color Contrast Check

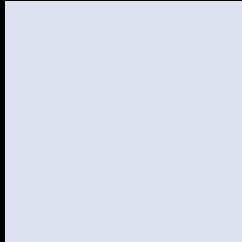
Large Text (above 18pt) WCAG AA × Fail

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 75.5138, 0.3005, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

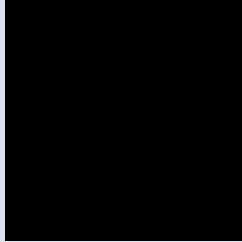
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

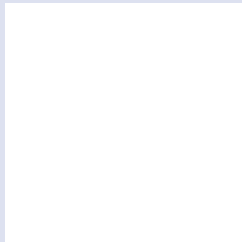
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5138, 0.3005, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 75.5138, 0.3005, 0.3131.

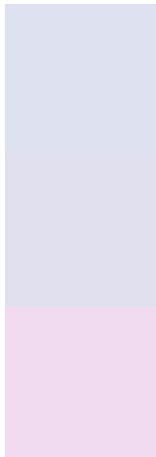


This preview shows how white text looks on a background with the Yxy color 75.5138, 0.3005, 0.3131.

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

75.5138, 0.3005, 0.3131

Protanopia

75.5509, 0.3038, 0.3132

Deuteranopia

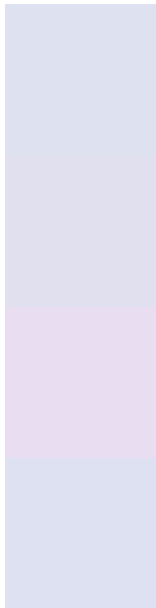
75.5392, 0.3131, 0.3066



Tritanopia

75.6334, 0.2993, 0.3110

Trichromacy



Original Color

75.5138, 0.3005, 0.3131

Protanomaly

75.3906, 0.3031, 0.3132

Deuteranomaly

75.3874, 0.3081, 0.3083

Tritanomaly

75.5735, 0.2999, 0.3121

Monochromacy



Original Color

75.5138, 0.3005, 0.3131

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0095, 0.3081, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5138, 0.3005, 0.3131 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, 225, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 240)  
}
```

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, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 240) }
```

Border

The CSS property to change the border of an element to Yxy 75.5138, 0.3005, 0.3131 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, 225, 240) }
```

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

```
.border{ border-color:rgb(221, 225, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5138, 0.3005, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 240) }
```

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

```
.background{ background-color: rgb(221,  
225, 240) }
```

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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