

Converting Colors

Yxy(71.8748, 0.3066, 0.3249)

Have a look what the booklet for
Yxy(71.8748, 0.3066, 0.3249)
contains.

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Color

Yxy(71.7481, 0.3066, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	D8DDE1
RGB	216, 221, 225
RGB Percent	85%, 87%, 88%
CMY	0.1529, 0.1333, 0.1176
CMYK	0.04, 0.02, 0.00, 0.12
HSL	207°, 13%, 86%
HSV	207°, 4%, 88%
XYZ	67.7695, 71.7481, 81.5179
YIQ	219.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

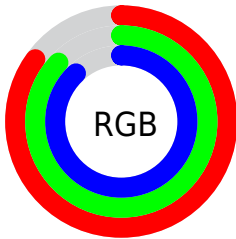
Format	Color
RYB	216, 219, 225
Decimal	14212577
CIELab	87.85, -0.93, -2.56
CIELCh	88, 2.722, 249.987
Yxy	71.7481, 0.3066, 0.3246
Android (android.graphics.Color)	4292402657 (0xFFD8DDE1)
YUV	219.9610, 2.4842, -3.4738
Hunter-Lab	84.7043, -5.4197, 2.2333

Details

The Yxy color **71.7481, 0.3066, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1662, 0.3190, 0.3334**, and the grayscale version is **71.5295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7518, 0.3048, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **63.4170, 0.2910, 0.3127**, and if you desaturate by 10%, it is **80.8709, 0.3217, 0.3352**.

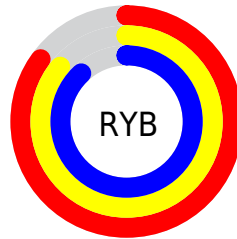
Distribution



Red (85%)

Green (87%)

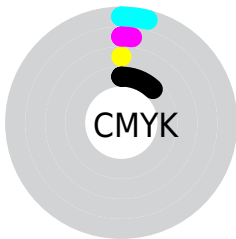
Blue (88%)



Red (85%)

Yellow (86%)

Blue (88%)

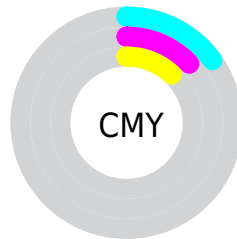


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (12%)



Cyan (15%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7481, 0.3066, 0.3246 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 71.7481, 0.3066, 0.3246 by changing the saturation by 10% instead.

■ 71.7481, 0.3066,
0.3246

■ 71.7481, 0.3066,
0.3246

466.6644, 0.3094,
0.3267

■ 52.9529, 0.3059,
0.3241

121.6983, 0.3076,
0.3253

■ 37.7652, 0.3051,
0.3235

153.6222, 0.3080,
0.3256

■ 25.8005, 0.3041,
0.3228

190.6910, 0.3083,
0.3258

■ 16.6745, 0.3028,
0.3218

233.2893, 0.3086,
0.3260

■ 10.0027, 0.3009,
0.3205

281.8014, 0.3088,
0.3262

■ 5.4007, 0.2983,
0.3185

336.6116, 0.3091,

■ 2.4842, 0.2941,

0.3264

398.1045, 0.3093,
0.3265

0.3154

0.8687, 0.2862,
0.3097

0.0000, 0.0000,
0.0000

71.7481, 0.3066,
0.3246

71.7481, 0.3066,
0.3246

63.4170, 0.2910,
0.3127

80.8709, 0.3217,
0.3352

55.8440, 0.2750,
0.2996

89.6406, 0.3320,
0.3449

49.0064, 0.2590,
0.2851

95.7435, 0.3308,
0.3545

42.8765, 0.2433,
0.2696

98.2168, 0.3303,
0.3581

■ 37.4247, 0.2284,
0.2531

■ 32.6188, 0.2148,
0.2359

■ 28.4231, 0.2028,
0.2184

■ 24.7971, 0.1930,
0.2010

■ 21.6926, 0.1854,
0.1841

Harmonies

Analogous

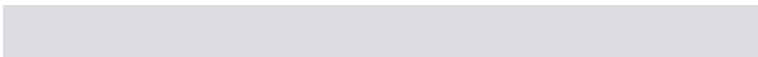
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.7481, 0.3065, 0.3270



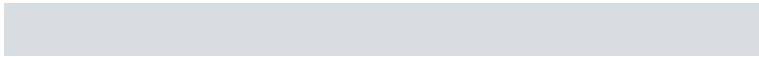
71.7481, 0.3066, 0.3246



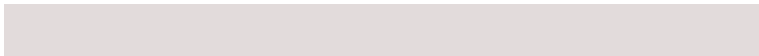
71.7481, 0.3084, 0.3234

Triad

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



71.7481, 0.3066, 0.3246



71.7481, 0.3175, 0.3281



71.7481, 0.3141, 0.3344

Complementary

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



71.7481, 0.3066, 0.3246



72.1662, 0.3190, 0.3334

Split Complementary

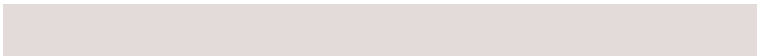
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7481, 0.3171, 0.3347



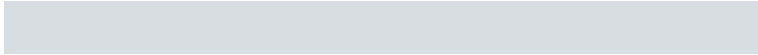
71.7481, 0.3066, 0.3246



71.7481, 0.3190, 0.3310

Square

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



71.7481, 0.3066, 0.3246



71.7481, 0.3147, 0.3254



71.7481, 0.3189, 0.3334



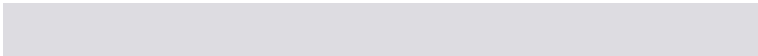
71.7481, 0.3108, 0.3326

Rectangle

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



71.7481, 0.3066, 0.3246



71.7481, 0.3103, 0.3235



71.7481, 0.3189, 0.3334



71.7481, 0.3152, 0.3346

Sweetspot

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



71.7512, 0.3066, 0.3246



98.7966, 0.3112, 0.3279



73.6199, 0.3097, 0.3346



21.1593, 0.3113, 0.3280



0.0000, 0.0000, 0.0000



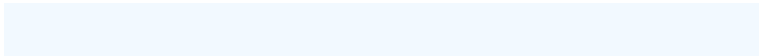
21.4041, 0.3127, 0.3290

Same Dimension

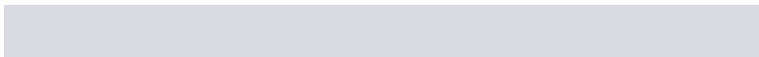
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7512, 0.3066, 0.3246



94.0896, 0.3050, 0.3234



69.4640, 0.3067, 0.3198



15.1860, 0.3040, 0.3227



11.7818, 0.1825, 0.1769



0.9945, 0.1896, 0.2024

Inverse Universe

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



70.3481, 0.3159, 0.3236



91.7726, 0.3167, 0.3222



74.5004, 0.3186, 0.3381



14.7651, 0.3173, 0.3213



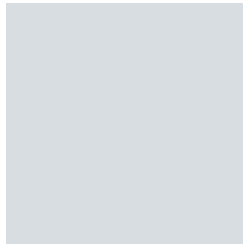
10.0974, 0.4723, 0.2376



0.7179, 0.4426, 0.2212

Previews

White Background



This preview shows how the Yxy color 71.7481, 0.3066, 0.3246 looks on a white background.

Color Contrast Check

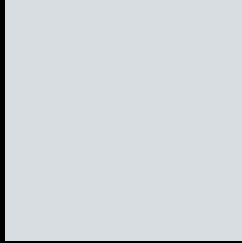
Large Text (above 18pt) WCAG AA × Fail

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 71.7481, 0.3066, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

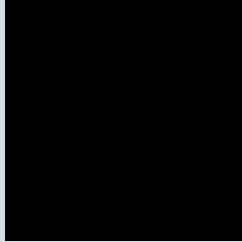
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

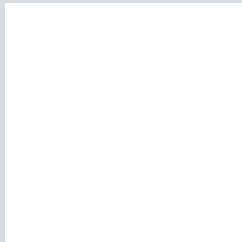
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7481, 0.3066, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 71.7481, 0.3066, 0.3246.

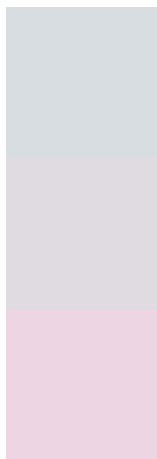


This preview shows how white text looks on a background with the Yxy color 71.7481, 0.3066, 0.3246.

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

71.7481, 0.3066, 0.3246

Protanopia

71.7328, 0.3123, 0.3236

Deuteranopia

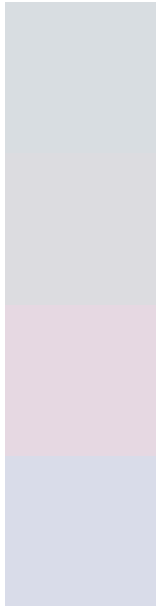
71.3117, 0.3215, 0.3144



Tritanopia

71.6829, 0.3003, 0.3096

Trichromacy



Original Color

71.7481, 0.3066, 0.3246

Protanomaly

71.7839, 0.3101, 0.3247

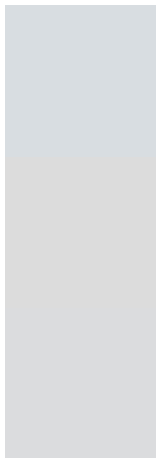
Deuteranomaly

71.4257, 0.3161, 0.3184

Tritanomaly

71.8213, 0.3022, 0.3149

Monochromacy



Original Color

71.7481, 0.3066, 0.3246

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5204, 0.3107, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7481, 0.3066, 0.3246 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, 221, 225)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 225)  
}
```

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, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 225) }
```

Border

The CSS property to change the border of an element to Yxy 71.7481, 0.3066, 0.3246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

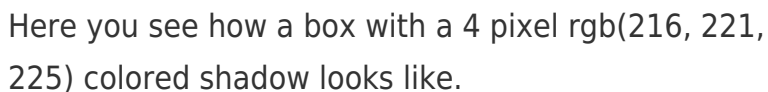
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 221, 225) }
```

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

```
.border{ border-color:rgb(216, 221, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 221, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 221, 225); box-shadow:4px 4px 4px 4px rgb(216, 221, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7481, 0.3066, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 225) }
```

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

```
.background{ background-color: rgb(216,  
221, 225) }
```

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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