

Converting Colors

$Yxy(74.6132, 0.2987, 0.3235)$

Have a look what the booklet for
Yxy(74.6132, 0.2987, 0.3235)
contains.

Yxy(74.6132, 0.2987, 0.3235)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6132, 0.2987, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	D3E3E8
RGB	211, 227, 232
RGB Percent	83%, 89%, 91%
CMY	0.1727, 0.1098, 0.0901
CMYK	0.09, 0.02, 0.00, 0.09
HSL	194°, 31%, 87%
HSV	194°, 9%, 91%
XYZ	68.8932, 74.6132, 87.1371
YIQ	222.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

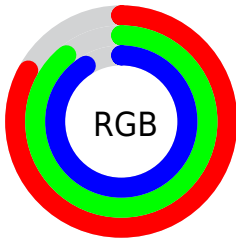
Format	Color
R _Y B	211, 220, 232
Decimal	13886440
CIE Lab	89.21, -4.36, -4.29
CIE LCh	89, 6.112, 224.532
Yxy	74.6132, 0.2987, 0.3235
Android (android.graphics.Color)	4292076520 (0xFFD3E3E8)
YUV	222.7860, 4.5425, -10.3363
Hunter-Lab	86.3789, -8.7969, 0.6548

Details

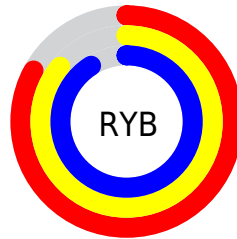
The Yxy color **74.6132, 0.2987, 0.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9637, 0.3280, 0.3344**, and the grayscale version is **73.6039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7076, 0.2955, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **68.4586, 0.2834, 0.3169**, and if you desaturate by 10%, it is **81.3657, 0.3141, 0.3295**.

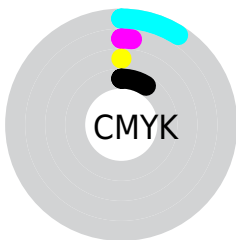
Distribution



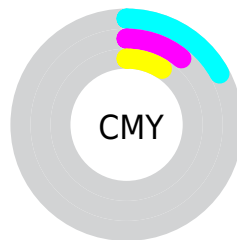
- Red (83%)
- Green (89%)
- Blue (91%)



- Red (83%)
- Yellow (86%)
- Blue (91%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6132, 0.2987, 0.3235 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 74.6132, 0.2987, 0.3235 by changing the saturation by 10% instead.

■ 74.6132, 0.2987,
0.3235

■ 74.6132, 0.2987,
0.3235

476.5870, 0.3051,
0.3261

■ 55.2961, 0.2972,
0.3229

125.7647, 0.3009,
0.3244

■ 39.6388, 0.2954,
0.3222

158.3678, 0.3018,
0.3247

■ 27.2570, 0.2932,
0.3212

196.1684, 0.3025,
0.3250

■ 17.7664, 0.2902,
0.3200

239.5509, 0.3032,
0.3253

■ 10.7824, 0.2862,
0.3183

288.8995, 0.3038,
0.3255

■ 5.9207, 0.2805,
0.3158

344.5989, 0.3043,

■ 2.7969, 0.2716,

0.3257

0.3118

407.0332, 0.3047,
0.3259

■ 1.0266, 0.2560,
0.3045

■ 0.0000, 0.0000,
0.0000

■ 74.6132, 0.2987,
0.3235

■ 74.6132, 0.2987,
0.3235

■ 68.4586, 0.2834,
0.3169

■ 81.3657, 0.3141,
0.3295

■ 62.8705, 0.2686,
0.3096

■ 88.2758, 0.3279,
0.3350

■ 57.8286, 0.2546,
0.3019

■ 91.5448, 0.3273,
0.3403

■ 53.3075, 0.2417,
0.2937

■ 94.9136, 0.3267,
0.3456

■ 49.2794, 0.2302,
0.2851

■ 98.3828, 0.3262,
0.3509

■ 45.7136, 0.2205,
0.2763

■ 98.6080, 0.3262,
0.3512

■ 42.5752, 0.2127,
0.2674

■ 39.8229, 0.2069,
0.2585

■ 37.3936, 0.2028,
0.2497

Harmonies

Analogous

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



74.6132, 0.3015, 0.3300



74.6132, 0.2987, 0.3235



74.6132, 0.2996, 0.3186

Triad

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



74.6132, 0.2987, 0.3235



74.6132, 0.3180, 0.3219



74.6132, 0.3215, 0.3417

Complementary

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



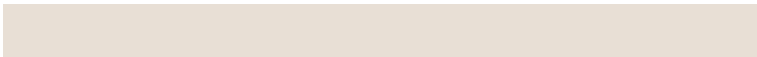
74.6132, 0.2987, 0.3235



70.9637, 0.3280, 0.3344

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.



74.6132, 0.3260, 0.3393



74.6132, 0.2987, 0.3235



74.6132, 0.3240, 0.3279

Square

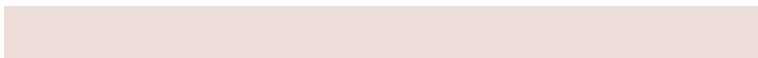
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



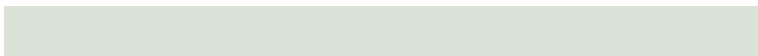
74.6132, 0.2987, 0.3235



74.6132, 0.3107, 0.3178



74.6132, 0.3270, 0.3343



74.6132, 0.3146, 0.3406

Rectangle

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



74.6132, 0.2987, 0.3235



74.6132, 0.3021, 0.3169



74.6132, 0.3270, 0.3343



74.6132, 0.3233, 0.3413

Sweetspot

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



74.6163, 0.2987, 0.3235



97.4208, 0.3081, 0.3272



76.5258, 0.3086, 0.3468



20.7070, 0.3068, 0.3267



0.0000, 0.0000, 0.0000



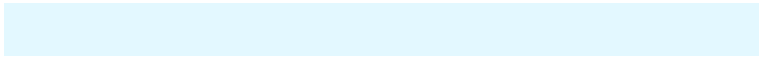
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6163, 0.2987, 0.3235



90.8737, 0.2957, 0.3222



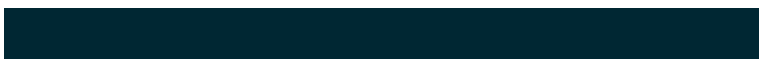
69.0805, 0.2986, 0.3120



15.7240, 0.2981, 0.3233



20.8380, 0.2029, 0.2503



1.6804, 0.2064, 0.2632

Inverse Universe

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



69.2770, 0.3172, 0.3120



82.9679, 0.3183, 0.3082



76.4798, 0.3268, 0.3455



14.5534, 0.3174, 0.3113



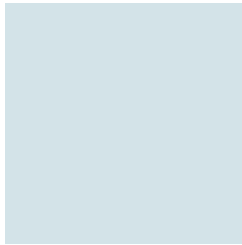
11.3013, 0.3919, 0.1933



0.8493, 0.3794, 0.1863

Previews

White Background



This preview shows how the Yxy color 74.6132, 0.2987, 0.3235 looks on a white background.

Color Contrast Check

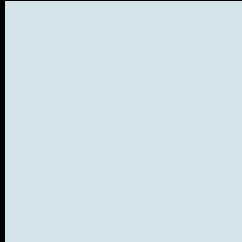
Large Text (above 18pt) WCAG AA × Fail

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 74.6132, 0.2987, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

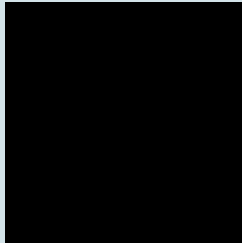
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

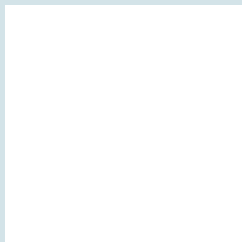
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6132, 0.2987, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 74.6132, 0.2987, 0.3235.

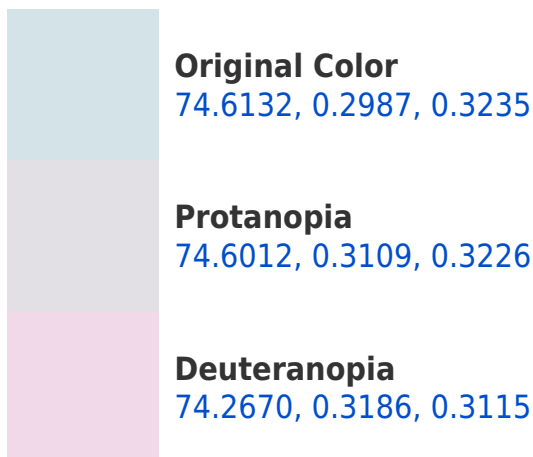


This preview shows how white text looks on a background with the Yxy color 74.6132, 0.2987, 0.3235.

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

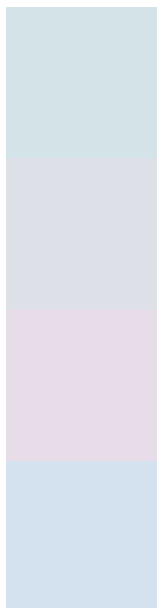




Tritanopia

74.4676, 0.2934, 0.3097

Trichromacy



Original Color

74.6132, 0.2987, 0.3235

Protanomaly

74.3966, 0.3068, 0.3226

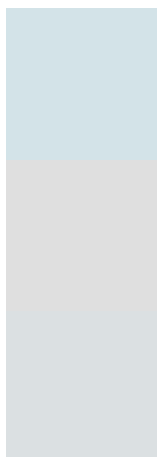
Deuteranomaly

74.4191, 0.3112, 0.3164

Tritanomaly

74.6218, 0.2951, 0.3150

Monochromacy



Original Color

74.6132, 0.2987, 0.3235

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8624, 0.3080, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6132, 0.2987, 0.3235 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, 227, 232)` looks like.

```
.text, #text, p{  
    color:rgb(211, 227, 232)  
}
```

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, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 227, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.6132, 0.2987, 0.3235 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, 227, 232) }
```

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

```
.border{ border-color:rgb(211, 227, 232) }
```

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

Here you see how a box with a 4 pixel rgb(211, 227, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(211, 227,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6132, 0.2987, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 227, 232) }
```

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

```
.background{ background-color: rgb(211,  
227, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor