

Converting Colors

$Yxy(74.8662, 0.3126, 0.3312)$

Have a look what the booklet for
Yxy(74.8662, 0.3126, 0.3312)
contains.

Yxy(74.8661, 0.3126, 0.3311)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(74.8661, 0.3126, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	DFE1DF
RGB	223, 225, 223
RGB Percent	87%, 88%, 87%
CMY	0.1254, 0.1177, 0.1253
CMYK	0.01, 0.00, 0.01, 0.12
HSL	121°, 3%, 88%
HSV	121°, 1%, 88%
XYZ	70.6830, 74.8661, 80.5642
YIQ	224.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

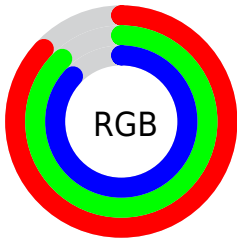
Format	Color
RYB	223, 225, 225
Decimal	14672351
CIELab	89.33, -1.01, 0.71
CIELCh	89, 1.237, 144.960
Yxy	74.8661, 0.3126, 0.3311
Android (android.graphics.Color)	4292862431 (0xFFDFE1DF)
YUV	224.1740, -0.5788, -1.0296
Hunter-Lab	86.5252, -5.6013, 5.3623

Details

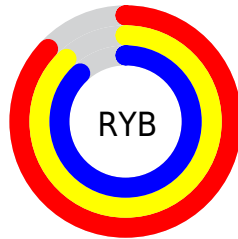
The Yxy color `74.8661, 0.3126, 0.3311` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74.2250, 0.3128, 0.3269`, and the grayscale version is `74.6813, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.9014, 0.3126, 0.3318` is the 20% darker color. If you saturate the color by 10%, you get `70.4084, 0.3112, 0.3568`, and if you desaturate by 10%, it is `79.9624, 0.3138, 0.3088`.

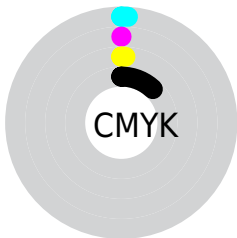
Distribution



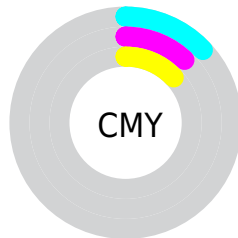
- Red (87%)
- Green (88%)
- Blue (87%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8661, 0.3126, 0.3311 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 74.8661, 0.3126, 0.3311 by changing the saturation by 10% instead.

■ 74.8661, 0.3126,
0.3311

■ 74.8661, 0.3126,
0.3311

477.4572, 0.3127,
0.3301

■ 55.5032, 0.3126,
0.3313

126.1228, 0.3126,
0.3308

■ 39.8047, 0.3126,
0.3316

158.7854, 0.3126,
0.3306

■ 27.3863, 0.3125,
0.3319

196.6500, 0.3126,
0.3305

■ 17.8636, 0.3125,
0.3324

240.1010, 0.3126,
0.3304

■ 10.8521, 0.3125,
0.3330

289.5229, 0.3126,
0.3303

■ 5.9675, 0.3124,
0.3339

345.2999, 0.3127,

■ 2.8253, 0.3123,

0.3303

407.8166, 0.3127,
0.3302

0.3353

1.0412, 0.3122,
0.3377

0.0000, 0.0000,
0.0000

74.8661, 0.3126,
0.3311

74.8661, 0.3126,
0.3311

70.4084, 0.3112,
0.3568

79.9624, 0.3138,
0.3088

66.5549, 0.3096,
0.3860

82.3292, 0.3141,
0.2999

63.2826, 0.3079,
0.4184

60.5633, 0.3062,
0.4532

■ 58.3665, 0.3044,
0.4889

■ 56.6586, 0.3028,
0.5233

■ 55.4024, 0.3015,
0.5536

■ 54.5551, 0.3005,
0.5773

■ 54.0657, 0.3000,
0.5925

Harmonies

Analogous

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



74.8661, 0.3141, 0.3316



74.8661, 0.3126, 0.3311



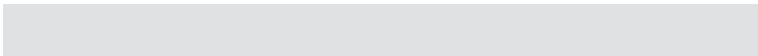
74.8661, 0.3112, 0.3301

Triad

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



74.8661, 0.3126, 0.3311



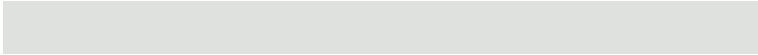
74.8661, 0.3103, 0.3267



74.8661, 0.3153, 0.3293

Complementary

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



74.8661, 0.3126, 0.3311



74.2250, 0.3128, 0.3269

Split Complementary

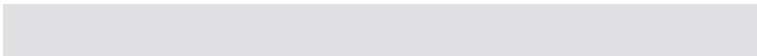
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8661, 0.3143, 0.3280



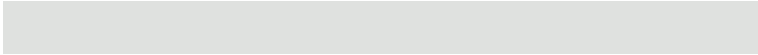
74.8661, 0.3126, 0.3311



74.8661, 0.3114, 0.3265

Square

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



74.8661, 0.3126, 0.3311



74.8661, 0.3098, 0.3275



74.8661, 0.3128, 0.3270



74.8661, 0.3156, 0.3305

Rectangle

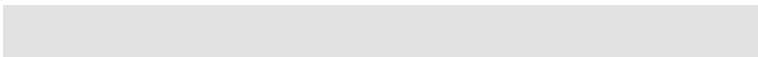
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8661, 0.3126, 0.3311



74.8661, 0.3104, 0.3292



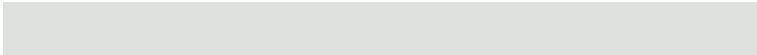
74.8661, 0.3128, 0.3270



74.8661, 0.3150, 0.3288

Sweetspot

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



74.8693, 0.3126, 0.3311

100.0000, 0.3127, 0.3290



75.1849, 0.3140, 0.3311



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



74.8693, 0.3126, 0.3311



99.3585, 0.3126, 0.3314



74.9216, 0.3120, 0.3301



16.1668, 0.3126, 0.3313



31.0359, 0.2998, 0.5992



2.1522, 0.2991, 0.5966

Inverse Universe

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



74.2250, 0.3128, 0.3269



98.3817, 0.3128, 0.3266



74.1724, 0.3135, 0.3279



16.0178, 0.3128, 0.3268



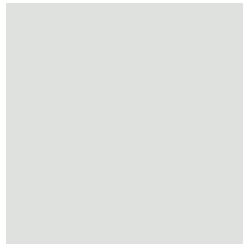
12.2694, 0.3241, 0.1559



0.8514, 0.3236, 0.1556

Previews

White Background



This preview shows how the Yxy color 74.8661, 0.3126, 0.3311 looks on a white background.

Color Contrast Check

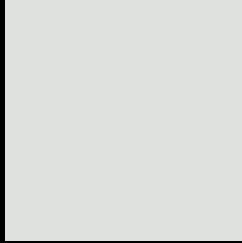
Large Text (above 18pt) WCAG AA × Fail

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 74.8661, 0.3126, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

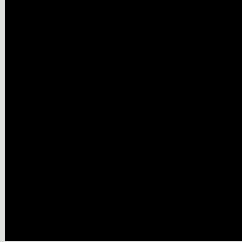
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

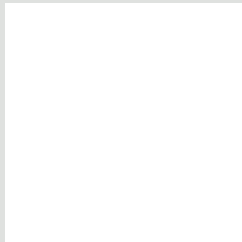
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8661, 0.3126, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 74.8661, 0.3126, 0.3311.

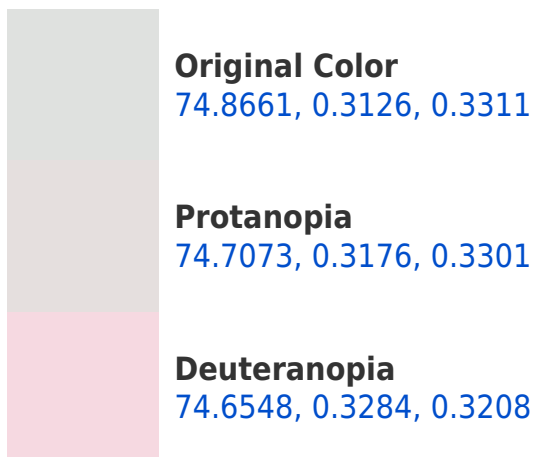


This preview shows how white text looks on a background with the Yxy color 74.8661, 0.3126, 0.3311.

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

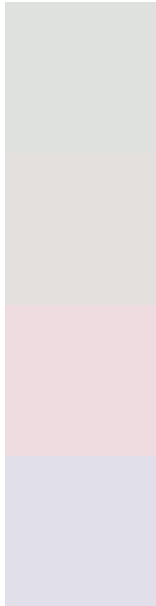




Tritanopia

74.7026, 0.3039, 0.3101

Trichromacy



Original Color

74.8661, 0.3126, 0.3311

Protanomaly

74.9161, 0.3161, 0.3311

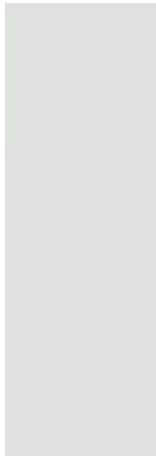
Deuteranomaly

74.7454, 0.3230, 0.3249

Tritanomaly

74.7234, 0.3070, 0.3173

Monochromacy



Original Color

74.8661, 0.3126, 0.3311

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.5404, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8661, 0.3126, 0.3311 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(223, 225, 223)` looks like.

```
.text, #text, p{  
    color:rgb(223, 225, 223)  
}
```

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(223, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 225, 223) }
```

Border

The CSS property to change the border of an element to Yxy 74.8661, 0.3126, 0.3311 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(223, 225, 223) }
```

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

```
.border{ border-color:rgb(223, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 225,  
223) }
```

Background

The CSS property to change the background color of an element to Yxy 74.8661, 0.3126, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 225, 223) }
```

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

```
.background{ background-color: rgb(223,  
225, 223) }
```

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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