

Converting Colors

$Yxy(76.0804, 0.3061, 0.3247)$

Have a look what the booklet for
Yxy(76.0804, 0.3061, 0.3247)
contains.

Yxy(76.0798, 0.3061, 0.3247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.0798, 0.3061, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	DDE3E7
RGB	221, 227, 231
RGB Percent	87%, 89%, 91%
CMY	0.1332, 0.1098, 0.0941
CMYK	0.04, 0.02, 0.00, 0.09
HSL	204°, 17%, 89%
HSV	204°, 4%, 91%
XYZ	71.7217, 76.0798, 86.5065
YIQ	225.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

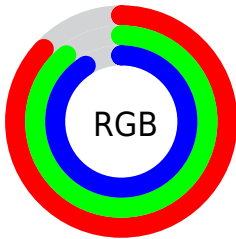
Format	Color
R _Y B	221, 225, 231
Decimal	14541799
CIE Lab	89.90, -1.24, -2.66
CIE LCh	90, 2.933, 244.896
Yxy	76.0798, 0.3061, 0.3247
Android (android.graphics.Color)	4292731879 (0xFFDDE3E7)
YUV	225.6620, 2.6316, -4.0886
Hunter-Lab	87.2237, -5.8659, 2.2541

Details

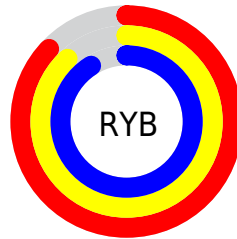
The Yxy color **76.0798, 0.3061, 0.3247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0925, 0.3195, 0.3333**, and the grayscale version is **75.7862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7072, 0.3049, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **67.7500, 0.2905, 0.3139**, and if you desaturate by 10%, it is **85.1900, 0.3213, 0.3344**.

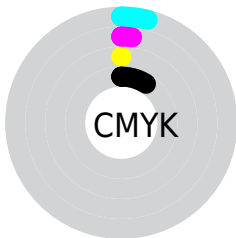
Distribution



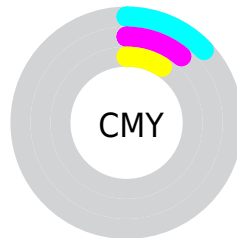
- Red (87%)
- Green (89%)
- Blue (91%)



- Red (87%)
- Yellow (88%)
- Blue (91%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0798, 0.3061, 0.3247 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 76.0798, 0.3061, 0.3247 by changing the saturation by 10% instead.

■ 76.0798, 0.3061,
0.3247

■ 76.0798, 0.3061,
0.3247

481.6208, 0.3091,
0.3267

■ 56.4979, 0.3054,
0.3242

127.8397, 0.3071,
0.3254

■ 40.6023, 0.3046,
0.3237

160.7865, 0.3076,
0.3257

■ 28.0085, 0.3035,
0.3230

198.9572, 0.3079,
0.3259

■ 18.3320, 0.3021,
0.3221

242.7360, 0.3082,
0.3261

■ 11.1886, 0.3002,
0.3208

292.5073, 0.3085,
0.3263

■ 6.1939, 0.2975,
0.3190

348.6557, 0.3087,

■ 2.9633, 0.2933,

0.3264

0.3162

411.5654, 0.3089,
0.3266

■ 1.1126, 0.2859,
0.3111

■ 0.0000, 0.0000,
0.0000

■ 76.0798, 0.3061,
0.3247

■ 76.0798, 0.3061,
0.3247

■ 67.7500, 0.2905,
0.3139

■ 85.1900, 0.3213,
0.3344

■ 60.1662, 0.2747,
0.3020

■ 92.6971, 0.3277,
0.3433

■ 53.3059, 0.2590,
0.2890

■ 98.4867, 0.3268,
0.3521

■ 47.1410, 0.2438,
0.2750

■ 98.5496, 0.3268,
0.3522

■ 41.6418, 0.2295,
0.2601

■ 36.7754, 0.2165,
0.2447

■ 32.5056, 0.2053,
0.2289

■ 28.7908, 0.1961,
0.2132

■ 25.5813, 0.1891,
0.1979

Harmonies

Analogous

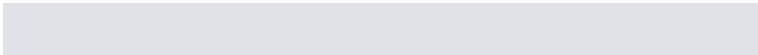
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0798, 0.3063, 0.3274



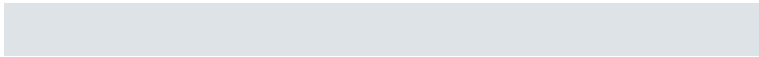
76.0798, 0.3061, 0.3247



76.0798, 0.3077, 0.3232

Triad

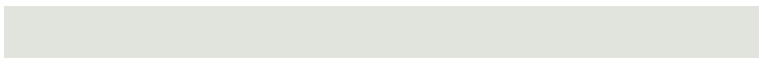
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0798, 0.3061, 0.3247



76.0798, 0.3173, 0.3275



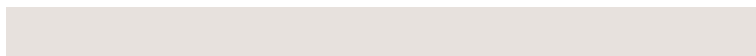
76.0798, 0.3148, 0.3349

Complementary

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



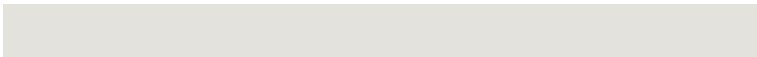
76.0798, 0.3061, 0.3247



76.0925, 0.3195, 0.3333

Split Complementary

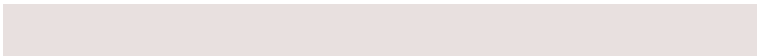
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0798, 0.3178, 0.3349



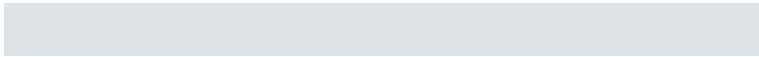
76.0798, 0.3061, 0.3247



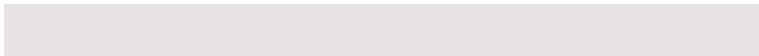
76.0798, 0.3192, 0.3306

Square

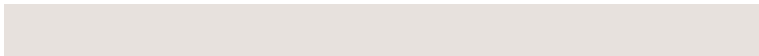
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0798, 0.3061, 0.3247



76.0798, 0.3142, 0.3248



76.0798, 0.3194, 0.3333



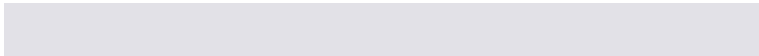
76.0798, 0.3113, 0.3333

Rectangle

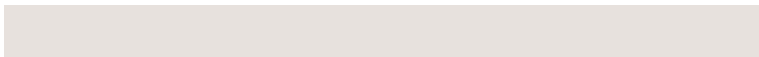
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0798, 0.3061, 0.3247



76.0798, 0.3096, 0.3231



76.0798, 0.3194, 0.3333



76.0798, 0.3159, 0.3350

Sweetspot

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



76.0830, 0.3061, 0.3247



98.8661, 0.3112, 0.3280



77.9702, 0.3097, 0.3354



21.1734, 0.3113, 0.3281



0.0000, 0.0000, 0.0000



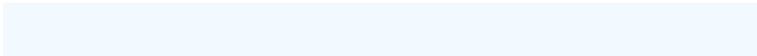
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0830, 0.3061, 0.3247



94.4291, 0.3050, 0.3240



73.4135, 0.3062, 0.3194



15.9951, 0.3040, 0.3233



13.6697, 0.1866, 0.1917



1.1911, 0.1927, 0.2138

Inverse Universe

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



74.2719, 0.3159, 0.3227



91.8069, 0.3164, 0.3217



78.8095, 0.3191, 0.3384



15.4939, 0.3169, 0.3207



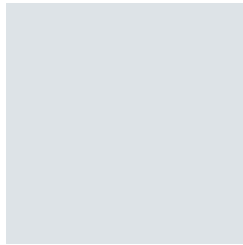
10.5777, 0.4547, 0.2279



0.7999, 0.4299, 0.2142

Previews

White Background



This preview shows how the Yxy color 76.0798, 0.3061, 0.3247 looks on a white background.

Color Contrast Check

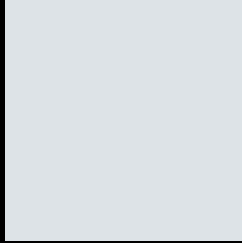
Large Text (above 18pt) WCAG AA × Fail

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 76.0798, 0.3061, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

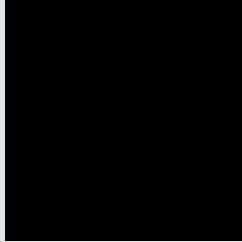
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

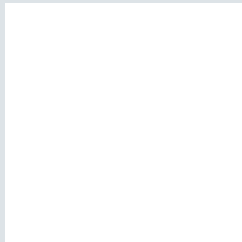
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0798, 0.3061, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 76.0798, 0.3061, 0.3247.

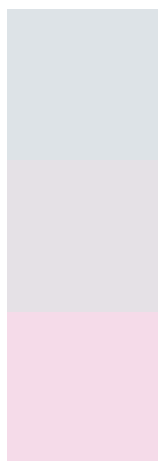


This preview shows how white text looks on a background with the Yxy color 76.0798, 0.3061, 0.3247.

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

76.0798, 0.3061, 0.3247

Protanopia

76.2216, 0.3123, 0.3237

Deuteranopia

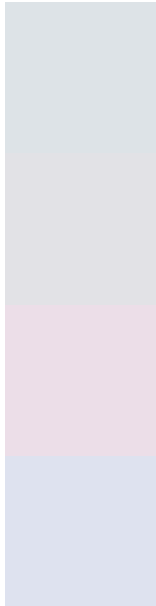
75.9587, 0.3220, 0.3148



Tritanopia

76.0095, 0.3000, 0.3101

Trichromacy



Original Color

76.0798, 0.3061, 0.3247

Protanomaly

76.2746, 0.3102, 0.3248

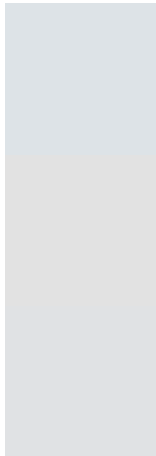
Deuteranomaly

75.9016, 0.3160, 0.3186

Tritanomaly

76.1543, 0.3018, 0.3152

Monochromacy



Original Color

76.0798, 0.3061, 0.3247

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8414, 0.3101, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0798, 0.3061, 0.3247 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, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 231)  
}
```

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, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 231) }
```

Border

The CSS property to change the border of an element to Yxy 76.0798, 0.3061, 0.3247 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, 227, 231) }
```

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

```
.border{ border-color:rgb(221, 227, 231) }
```

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

Here you see how a box with a 4 pixel rgb(221, 227, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0798, 0.3061, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 231) }
```

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

```
.background{ background-color: rgb(221,  
227, 231) }
```

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