

Converting Colors

Yxy(76.9341, 0.3023, 0.3255)

Have a look what the booklet for
Yxy(76.9341, 0.3023, 0.3255)
contains.

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Color

Yxy(76.6735, 0.3021, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	D9E5E9
RGB	217, 229, 233
RGB Percent	85%, 90%, 91%
CMY	0.1491, 0.1019, 0.0863
CMYK	0.07, 0.02, 0.00, 0.09
HSL	195°, 27%, 88%
HSV	195°, 7%, 91%
XYZ	71.3368, 76.6735, 88.1261
YIQ	225.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

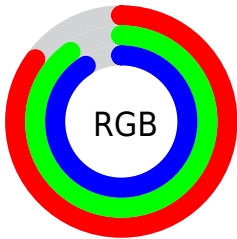
Format	Color
R _Y B	217, 224, 233
Decimal	14280169
CIE Lab	90.17, -3.24, -3.33
CIE LCh	90, 4.650, 225.759
Yxy	76.6735, 0.3021, 0.3247
Android (android.graphics.Color)	4292470249 (0xFFD9E5E9)
YUV	225.8680, 3.5161, -7.7772
Hunter-Lab	87.5634, -7.8142, 1.6234

Details

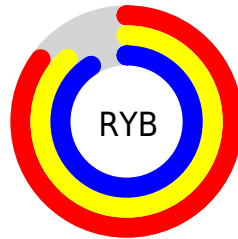
The Yxy color **76.6735, 0.3021, 0.3247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0247, 0.3240, 0.3333**, and the grayscale version is **75.9311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1278, 0.2999, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **70.2013, 0.2867, 0.3179**, and if you desaturate by 10%, it is **83.7633, 0.3175, 0.3309**.

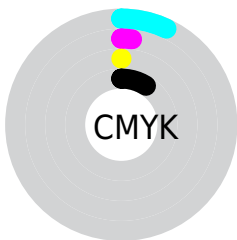
Distribution



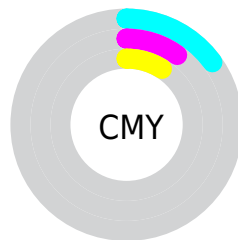
- Red (85%)
- Green (90%)
- Blue (91%)



- Red (85%)
- Yellow (88%)
- Blue (91%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6735, 0.3021, 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 76.6735, 0.3021, 0.3247 by changing the saturation by 10% instead.

■ 76.6735, 0.3021,
0.3247

■ 76.6735, 0.3021,
0.3247

483.6501, 0.3070,
0.3267

■ 56.9849, 0.3010,
0.3242

128.6785, 0.3038,
0.3254

■ 40.9932, 0.2997,
0.3237

161.7637, 0.3044,
0.3257

■ 28.3137, 0.2980,
0.3230

200.0833, 0.3050,
0.3259

■ 18.5623, 0.2957,
0.3220

244.0216, 0.3055,
0.3261

■ 11.3544, 0.2928,
0.3207

293.9630, 0.3059,
0.3263

■ 6.3058, 0.2885,
0.3189

350.2920, 0.3063,

■ 3.0319, 0.2819,

0.3264

0.3159

413.3929, 0.3067,
0.3266

■ 1.1484, 0.2705,
0.3107

■ 0.0189, 0.0000,
0.0695

■ 76.6735, 0.3021,
0.3247

■ 76.6735, 0.3021,
0.3247

■ 70.2013, 0.2867,
0.3179

■ 83.7633, 0.3175,
0.3309

■ 64.3149, 0.2717,
0.3105

■ 89.8183, 0.3270,
0.3365

■ 58.9941, 0.2574,
0.3025

■ 93.2964, 0.3264,
0.3421

■ 54.2134, 0.2441,
0.2940

■ 96.8846, 0.3259,
0.3476

■ 49.9454, 0.2322,
0.2851

■ 98.6630, 0.3256,
0.3503

■ 46.1596, 0.2219,
0.2759

■ 42.8215, 0.2135,
0.2665

■ 39.8912, 0.2071,
0.2572

■ 37.3176, 0.2026,
0.2480

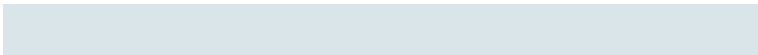
Harmonies

Analogous

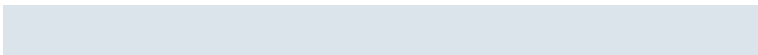
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6735, 0.3041, 0.3296



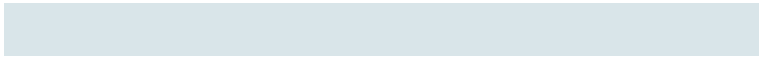
76.6735, 0.3021, 0.3247



76.6735, 0.3029, 0.3211

Triad

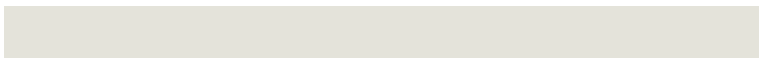
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6735, 0.3021, 0.3247



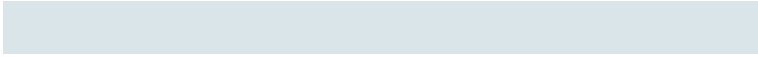
76.6735, 0.3170, 0.3238



76.6735, 0.3192, 0.3386

Complementary

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



76.6735, 0.3021, 0.3247



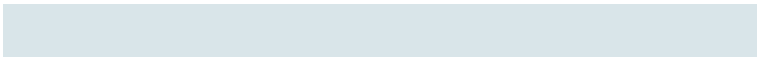
74.0247, 0.3240, 0.3333

Split Complementary

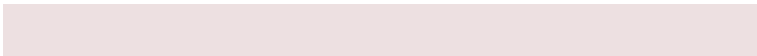
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6735, 0.3226, 0.3369



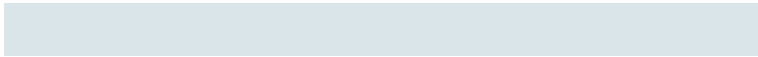
76.6735, 0.3021, 0.3247



76.6735, 0.3214, 0.3284

Square

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



76.6735, 0.3021, 0.3247



76.6735, 0.3114, 0.3206



76.6735, 0.3235, 0.3332



76.6735, 0.3140, 0.3376

Rectangle

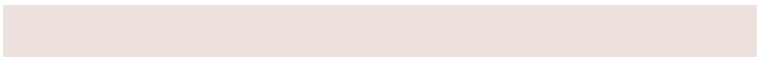
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6735, 0.3021, 0.3247



76.6735, 0.3049, 0.3198



76.6735, 0.3235, 0.3332



76.6735, 0.3206, 0.3383

Sweetspot

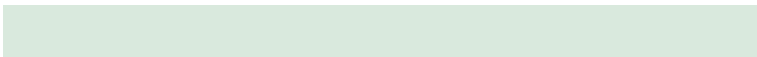
The Sweet Spot groups the original color and five complimentary colors.



76.6767, 0.3021, 0.3247



98.2389, 0.3096, 0.3278



78.2293, 0.3096, 0.3423



21.0457, 0.3098, 0.3278



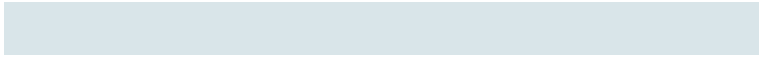
0.0000, 0.0000, 0.0000



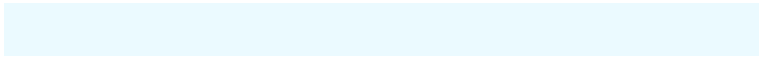
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6767, 0.3021, 0.3247



93.1395, 0.3003, 0.3239



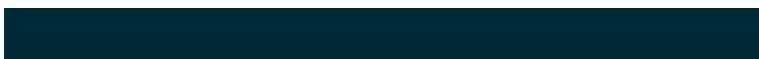
72.4765, 0.3022, 0.3163



16.4504, 0.2981, 0.3230



20.9520, 0.2018, 0.2465



1.7953, 0.2054, 0.2593

Inverse Universe

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



72.5955, 0.3162, 0.3164



87.3454, 0.3168, 0.3142



78.2179, 0.3233, 0.3414



15.2460, 0.3176, 0.3115



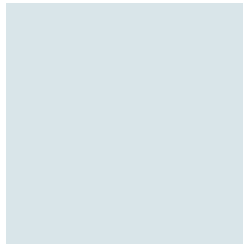
11.6079, 0.3957, 0.1953



0.9267, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 76.6735, 0.3021, 0.3247 looks on a white background.

Color Contrast Check

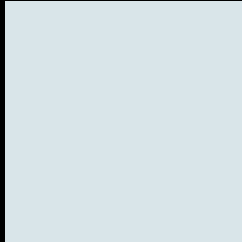
Large Text (above 18pt) WCAG AA × Fail

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 76.6735, 0.3021, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

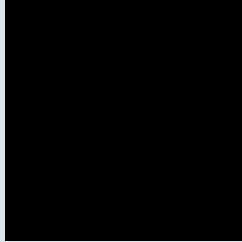
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

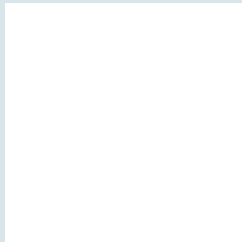
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6735, 0.3021, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 76.6735, 0.3021, 0.3247.

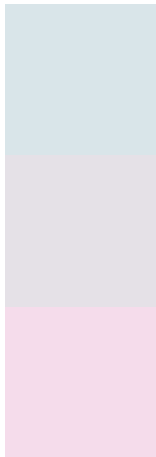


This preview shows how white text looks on a background with the Yxy color 76.6735, 0.3021, 0.3247.

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

76.6735, 0.3021, 0.3247

Protanopia

76.2780, 0.3116, 0.3227

Deuteranopia

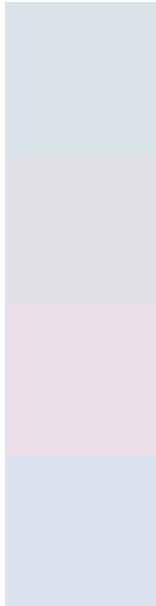
76.5970, 0.3205, 0.3138



Tritanopia

76.5908, 0.2961, 0.3100

Trichromacy



Original Color

76.6735, 0.3021, 0.3247

Protanomaly

76.2265, 0.3082, 0.3226

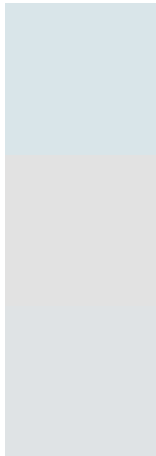
Deuteranomaly

76.3780, 0.3140, 0.3176

Tritanomaly

76.7431, 0.2979, 0.3152

Monochromacy



Original Color

76.6735, 0.3021, 0.3247

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2833, 0.3087, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6735, 0.3021, 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(217, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(217, 229, 233)  
}
```

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(217, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 229, 233) }
```

Border

The CSS property to change the border of an element to Yxy 76.6735, 0.3021, 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(217, 229, 233) }
```

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

```
.border{ border-color:rgb(217, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(217, 229,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6735, 0.3021, 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(217, 229, 233) }
```

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

```
.background{ background-color: rgb(217,  
229, 233) }
```

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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