

Converting Colors

$Yxy(74.8100, 0.3083, 0.3244)$

Have a look what the booklet for
Yxy(74.8100, 0.3083, 0.3244)
contains.

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Color

Yxy(75.0372, 0.3081, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	DEE1E5
RGB	222, 225, 229
RGB Percent	87%, 88%, 90%
CMY	0.1293, 0.1177, 0.1020
CMYK	0.03, 0.02, 0.00, 0.10
HSL	215°, 12%, 88%
HSV	215°, 3%, 90%
XYZ	71.2010, 75.0372, 84.8588
YIQ	224.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

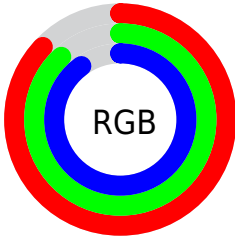
Format	Color
R _Y B	222, 224, 229
Decimal	14606821
CIE Lab	89.41, -0.25, -2.31
CIE LCh	89, 2.325, 263.723
Yxy	75.0372, 0.3081, 0.3247
Android (android.graphics.Color)	4292796901 (0xFFDEE1E5)
YUV	224.5590, 2.1894, -2.2442
Hunter-Lab	86.6240, -4.8732, 2.5550

Details

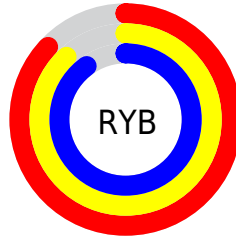
The Yxy color `75.0372, 0.3081, 0.3247` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76.3523, 0.3174, 0.3333`, and the grayscale version is `74.9535, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.0209, 0.3067, 0.3234` is the 20% darker color. If you saturate the color by 10%, you get `64.8117, 0.2923, 0.3094`, and if you desaturate by 10%, it is `86.3104, 0.3230, 0.3383`.

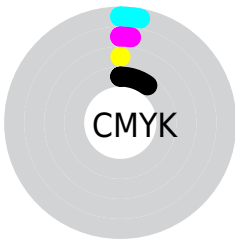
Distribution



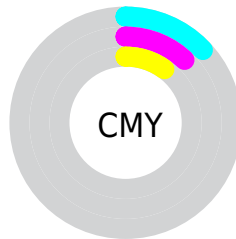
- Red (87%)
- Green (88%)
- Blue (90%)



- Red (87%)
- Yellow (88%)
- Blue (90%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0372, 0.3081, 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 75.0372, 0.3081, 0.3247 by changing the saturation by 10% instead.

■ 75.0372, 0.3081,
0.3247

■ 75.0372, 0.3081,
0.3247

478.0454, 0.3102,
0.3267

■ 55.6434, 0.3076,
0.3242

126.3650, 0.3088,
0.3254

■ 39.9171, 0.3070,
0.3237

159.0678, 0.3091,
0.3257

■ 27.4739, 0.3063,
0.3230

196.9757, 0.3094,
0.3259

■ 17.9294, 0.3053,
0.3221

240.4730, 0.3096,
0.3261

■ 10.8993, 0.3039,
0.3208

289.9443, 0.3098,
0.3263

■ 5.9992, 0.3020,
0.3190

345.7739, 0.3099,

■ 2.8446, 0.2990,

0.3264

0.3162

408.3461, 0.3101,
0.3266

■ 1.0511, 0.2937,
0.3111

■ 0.0000, 0.0000,
0.0000

■ 75.0372, 0.3081,
0.3247

■ 75.0372, 0.3081,
0.3247

■ 64.8117, 0.2923,
0.3094

■ 86.3104, 0.3230,
0.3383

■ 55.5924, 0.2758,
0.2924

■ 96.1351, 0.3284,
0.3508

■ 47.3487, 0.2588,
0.2736

■ 98.4372, 0.3280,
0.3542

■ 40.0448, 0.2417,
0.2533

■ 33.6423, 0.2251,
0.2317

■ 28.0998, 0.2094,
0.2092

■ 23.3720, 0.1954,
0.1867

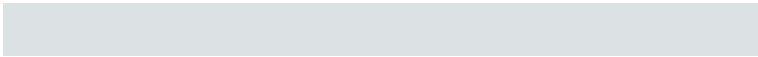
■ 19.4081, 0.1837,
0.1648

■ 16.1490, 0.1747,
0.1443

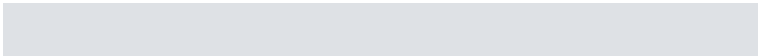
Harmonies

Analogous

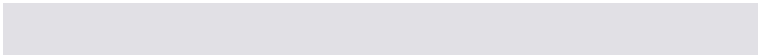
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0372, 0.3073, 0.3263



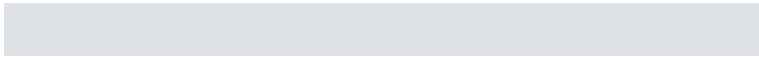
75.0372, 0.3081, 0.3247



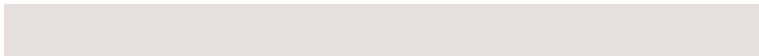
75.0372, 0.3101, 0.3243

Triad

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



75.0372, 0.3081, 0.3247



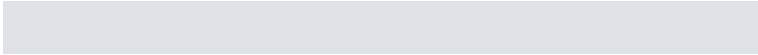
75.0372, 0.3175, 0.3294



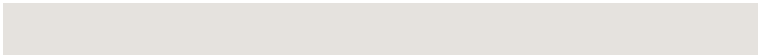
75.0372, 0.3126, 0.3330

Complementary

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



75.0372, 0.3081, 0.3247



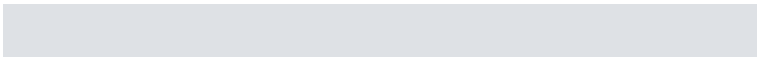
76.3523, 0.3174, 0.3333

Split Complementary

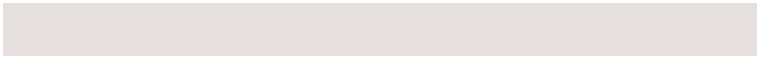
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0372, 0.3153, 0.3338



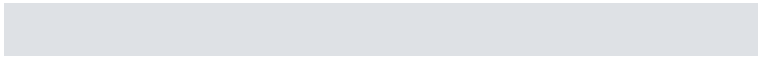
75.0372, 0.3081, 0.3247



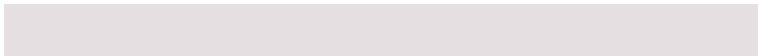
75.0372, 0.3182, 0.3317

Square

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



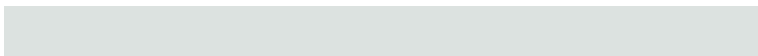
75.0372, 0.3081, 0.3247



75.0372, 0.3155, 0.3270



75.0372, 0.3174, 0.3333



75.0372, 0.3099, 0.3311

Rectangle

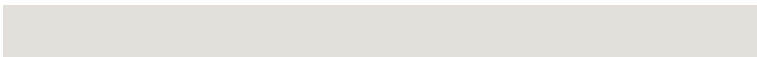
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0372, 0.3081, 0.3247



75.0372, 0.3119, 0.3247



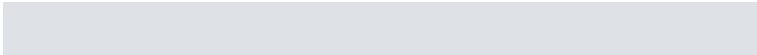
75.0372, 0.3174, 0.3333



75.0372, 0.3135, 0.3334

Sweetspot

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



75.0404, 0.3081, 0.3247



98.5866, 0.3112, 0.3276



77.0650, 0.3099, 0.3322



21.1165, 0.3113, 0.3277



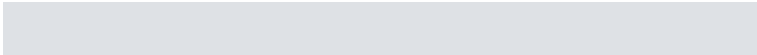
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

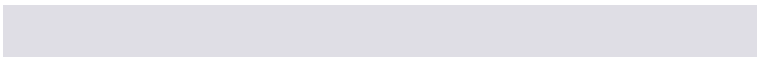
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0404, 0.3081, 0.3247



94.4275, 0.3066, 0.3233



73.5306, 0.3085, 0.3215



15.9508, 0.3055, 0.3222



8.3693, 0.1706, 0.1340



0.7993, 0.1785, 0.1626

Inverse Universe

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



74.3581, 0.3157, 0.3259



93.2915, 0.3167, 0.3248



77.8968, 0.3169, 0.3364



15.7254, 0.3174, 0.3241



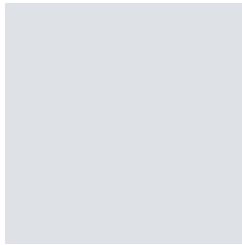
10.0426, 0.5272, 0.2678



0.7604, 0.4899, 0.2472

Previews

White Background



This preview shows how the Yxy color 75.0372, 0.3081, 0.3247 looks on a white background.

Color Contrast Check

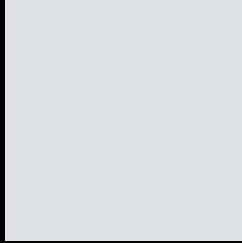
Large Text (above 18pt) WCAG AA × Fail

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 75.0372, 0.3081, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

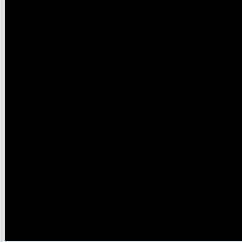
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

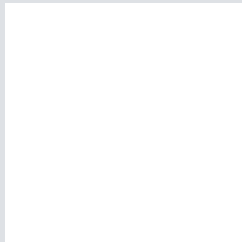
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0372, 0.3081, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 75.0372, 0.3081, 0.3247.

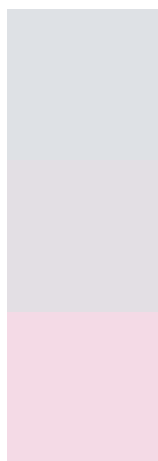


This preview shows how white text looks on a background with the Yxy color 75.0372, 0.3081, 0.3247.

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

75.0372, 0.3081, 0.3247

Protanopia

74.7077, 0.3123, 0.3237

Deuteranopia

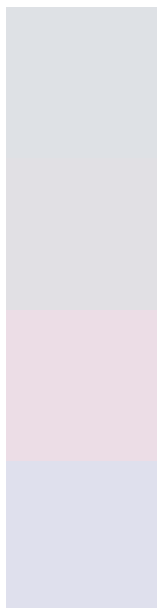
75.0891, 0.3234, 0.3167



Tritanopia

74.9735, 0.3019, 0.3100

Trichromacy



Original Color

75.0372, 0.3081, 0.3247

Protanomaly

74.9203, 0.3108, 0.3247

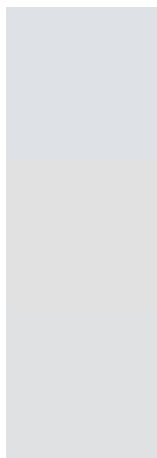
Deuteranomaly

75.2589, 0.3174, 0.3197

Tritanomaly

75.1137, 0.3037, 0.3152

Monochromacy



Original Color

75.0372, 0.3081, 0.3247

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1887, 0.3114, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0372, 0.3081, 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(222, 225, 229)` looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 229)  
}
```

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(222, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 229) }
```

Border

The CSS property to change the border of an element to Yxy 75.0372, 0.3081, 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(222, 225, 229) }
```

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

```
.border{ border-color:rgb(222, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0372, 0.3081, 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(222, 225, 229) }
```

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

```
.background{ background-color: rgb(222,  
225, 229) }
```

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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