

Converting Colors

$Yxy(70.8163, 0.3064, 0.3262)$

Have a look what the booklet for
Yxy(70.8163, 0.3064, 0.3262)
contains.

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Color

Yxy(70.8103, 0.3065, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D6DCDF
RGB	214, 220, 223
RGB Percent	84%, 86%, 87%
CMY	0.1609, 0.1372, 0.1255
CMYK	0.04, 0.01, 0.00, 0.13
HSL	200°, 12%, 86%
HSV	200°, 4%, 87%
XYZ	66.6360, 70.8103, 79.9632
YIQ	218.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

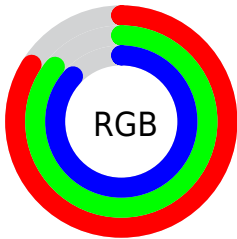
Format	Color
RYB	214, 218, 223
Decimal	14081247
CIELab	87.39, -1.48, -2.18
CIELCh	87, 2.633, 235.874
Yxy	70.8103, 0.3065, 0.3257
Android (android.graphics.Color)	4292271327 (0xFFD6DCDF)
YUV	218.5480, 2.1948, -3.9886
Hunter-Lab	84.1489, -5.9094, 2.5633

Details

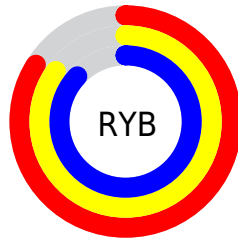
The Yxy color `70.8103, 0.3065, 0.3257` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `70.1392, 0.3191, 0.3323`, and the grayscale version is `70.4944, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `37.1083, 0.3046, 0.3247` is the 20% darker color. If you saturate the color by 10%, you get `63.9059, 0.2910, 0.3169`, and if you desaturate by 10%, it is `78.3501, 0.3218, 0.3336`.

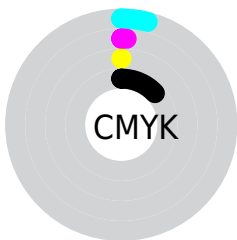
Distribution



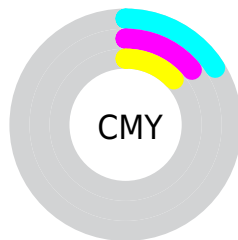
- Red (84%)
- Green (86%)
- Blue (87%)



- Red (84%)
- Yellow (85%)
- Blue (87%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.8103, 0.3065, 0.3257 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 70.8103, 0.3065, 0.3257 by changing the saturation by 10% instead.

■ 70.8103, 0.3065,
0.3257

■ 70.8103, 0.3065,
0.3257

463.3900, 0.3094,
0.3273

■ 52.1874, 0.3058,
0.3253

120.3636, 0.3075,
0.3262

■ 37.1545, 0.3050,
0.3249

152.0627, 0.3079,
0.3265

■ 25.3271, 0.3040,
0.3243

188.8895, 0.3082,
0.3266

■ 16.3209, 0.3026,
0.3236

231.2281, 0.3085,
0.3268

■ 9.7515, 0.3007,
0.3225

279.4631, 0.3088,
0.3269

■ 5.2345, 0.2980,
0.3210

333.9788, 0.3090,

■ 2.3855, 0.2936,

0.3270

0.3186

395.1597, 0.3092,
0.3272

0.8184, 0.2847,
0.3141

0.0000, 0.0000,
0.0000

70.8103, 0.3065,
0.3257

70.8103, 0.3065,
0.3257

63.9059, 0.2910,
0.3169

78.3501, 0.3218,
0.3336

57.6072, 0.2756,
0.3073

85.8531, 0.3341,
0.3407

51.8952, 0.2604,
0.2968

90.1491, 0.3332,
0.3479

46.7464, 0.2460,
0.2855

94.6215, 0.3322,
0.3549

■ 42.1352, 0.2326,
0.2736

■ 98.1075, 0.3316,
0.3601

■ 38.0338, 0.2207,
0.2612

■ 34.4110, 0.2105,
0.2485

■ 31.2313, 0.2023,
0.2358

■ 28.4515, 0.1962,
0.2233

Harmonies

Analogous

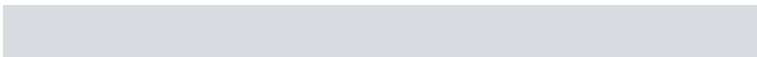
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8103, 0.3071, 0.3284



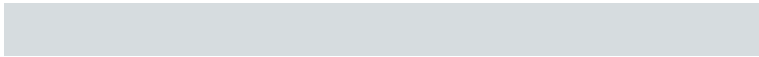
70.8103, 0.3065, 0.3257



70.8103, 0.3075, 0.3239

Triad

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



70.8103, 0.3065, 0.3257



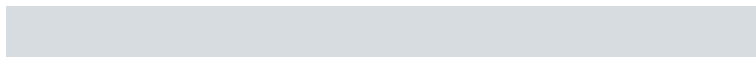
70.8103, 0.3162, 0.3268



70.8103, 0.3155, 0.3345

Complementary

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



70.8103, 0.3065, 0.3257



70.1392, 0.3191, 0.3323

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.



70.8103, 0.3180, 0.3341



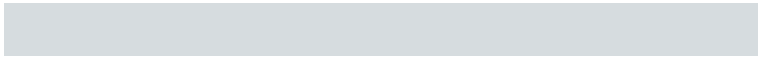
70.8103, 0.3065, 0.3257



70.8103, 0.3183, 0.3296

Square

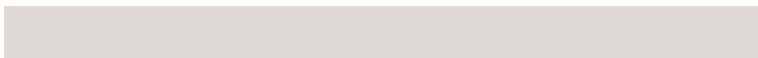
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8103, 0.3065, 0.3257



70.8103, 0.3131, 0.3246



70.8103, 0.3190, 0.3323



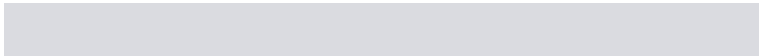
70.8103, 0.3123, 0.3335

Rectangle

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



70.8103, 0.3065, 0.3257



70.8103, 0.3090, 0.3235



70.8103, 0.3190, 0.3323



70.8103, 0.3165, 0.3346

Sweetspot

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



70.8133, 0.3065, 0.3257



98.9837, 0.3112, 0.3282



72.0648, 0.3104, 0.3358



21.1973, 0.3112, 0.3282



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

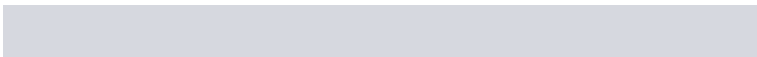
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8133, 0.3065, 0.3257



95.0058, 0.3050, 0.3249



68.5374, 0.3066, 0.3208



15.3531, 0.3040, 0.3243



16.0601, 0.1938, 0.2178



1.2750, 0.1992, 0.2369

Inverse Universe

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



68.9321, 0.3152, 0.3224



91.8651, 0.3158, 0.3208



72.4333, 0.3188, 0.3370



14.7819, 0.3162, 0.3197



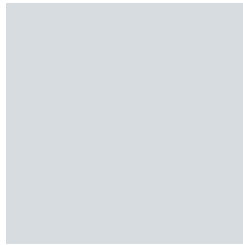
10.5293, 0.4256, 0.2118



0.7462, 0.4055, 0.2007

Previews

White Background



This preview shows how the Yxy color 70.8103, 0.3065, 0.3257 looks on a white background.

Color Contrast Check

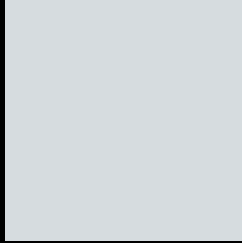
Large Text (above 18pt) WCAG AA × Fail

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 70.8103, 0.3065, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

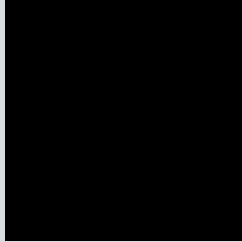
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

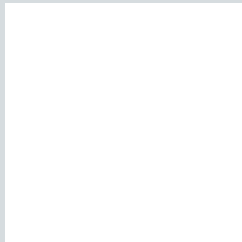
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.8103, 0.3065, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 70.8103, 0.3065, 0.3257.

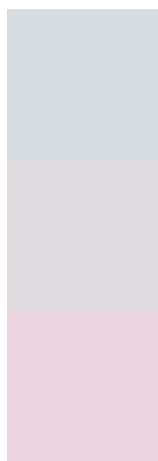


This preview shows how white text looks on a background with the Yxy color 70.8103, 0.3065, 0.3257.

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

70.8103, 0.3065, 0.3257

Protanopia

70.9463, 0.3129, 0.3247

Deuteranopia

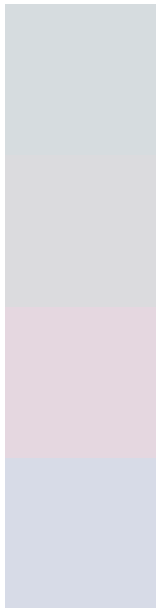
70.5277, 0.3222, 0.3154



Tritanopia

70.7399, 0.3002, 0.3106

Trichromacy



Original Color

70.8103, 0.3065, 0.3257

Protanomaly

70.9970, 0.3107, 0.3257

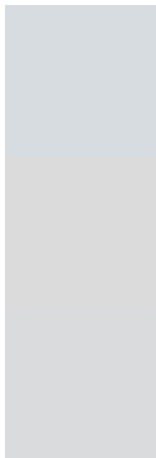
Deuteranomaly

70.6407, 0.3168, 0.3194

Tritanomaly

70.8796, 0.3021, 0.3159

Monochromacy



Original Color

70.8103, 0.3065, 0.3257

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5821, 0.3106, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8103, 0.3065, 0.3257 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(214, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(214, 220, 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(214, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 220, 223) }
```

Border

The CSS property to change the border of an element to Yxy 70.8103, 0.3065, 0.3257 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(214, 220, 223) }
```

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

```
.border{ border-color:rgb(214, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(214, 220,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8103, 0.3065, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 220, 223) }
```

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

```
.background{ background-color: rgb(214,  
220, 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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