

Converting Colors

$Y_{xy}(70.2002, 0.3161, 0.3331)$

Have a look what the booklet for
Yxy(70.2002, 0.3161, 0.3331)
contains.

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Color

Yxy(70.0579, 0.3161, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	DBDAD6
RGB	219, 218, 214
RGB Percent	86%, 85%, 84%
CMY	0.1412, 0.1451, 0.1607
CMYK	0.00, 0.00, 0.02, 0.14
HSL	48°, 6%, 85%
HSV	48°, 2%, 86%
XYZ	66.4226, 70.0579, 73.6512
YIQ	217.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

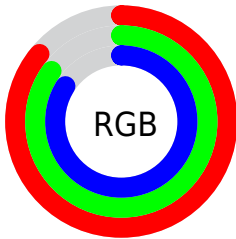
Format	Color
RYB	215, 219, 214
Decimal	14408406
CIELab	87.03, -0.37, 2.07
CIELCh	87, 2.098, 100.097
Yxy	70.0579, 0.3161, 0.3334
Android (android.graphics.Color)	4292598486 (0xFFDBDAD6)
YUV	217.8430, -1.8946, 1.0147
Hunter-Lab	83.7006, -4.8231, 6.4190

Details

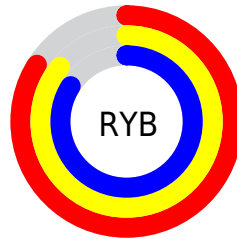
The Yxy color **70.0579, 0.3161, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0176, 0.3093, 0.3246**, and the grayscale version is **70.0114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5901, 0.3172, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **66.7880, 0.3317, 0.3534**, and if you desaturate by 10%, it is **73.5435, 0.3017, 0.3145**.

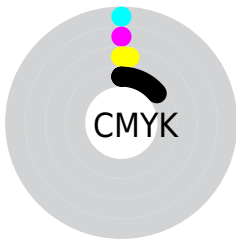
Distribution



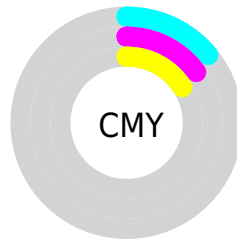
- Red (86%)
- Green (85%)
- Blue (84%)



- Red (84%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0579, 0.3161, 0.3334 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 70.0579, 0.3161, 0.3334 by changing the saturation by 10% instead.

■ 70.0579, 0.3161,
0.3334

■ 70.0579, 0.3161,
0.3334

460.7533, 0.3145,
0.3314

■ 51.5737, 0.3165,
0.3339

119.2913, 0.3156,
0.3327

■ 36.6654, 0.3169,
0.3345

150.8094, 0.3153,
0.3324

■ 24.9485, 0.3175,
0.3352

187.4408, 0.3152,
0.3322

■ 16.0387, 0.3182,
0.3362

229.5701, 0.3150,
0.3320

■ 9.5516, 0.3193,
0.3375

277.5816, 0.3149,
0.3318

■ 5.1027, 0.3208,
0.3395

331.8597, 0.3147,

■ 2.3076, 0.3232,

0.3316

0.3427

392.7888, 0.3146,
0.3315

0.7777, 0.3304,
0.3519

0.0000, 0.0000,
0.0000

70.0579, 0.3161,
0.3334

70.0579, 0.3161,
0.3334

66.7880, 0.3317,
0.3534

73.5435, 0.3017,
0.3145

63.7185, 0.3484,
0.3740

77.0592, 0.2902,
0.2995

60.8454, 0.3658,
0.3947

79.4663, 0.2903,
0.3042

58.1616, 0.3836,
0.4148

81.9340, 0.2905,
0.3087

■ 55.6591, 0.4012,
0.4333

■ 84.4628, 0.2906,
0.3133

■ 53.3293, 0.4177,
0.4493

■ 87.0530, 0.2908,
0.3178

■ 51.1627, 0.4325,
0.4617

■ 89.7051, 0.2909,
0.3223

■ 49.1483, 0.4449,
0.4697

■ 92.4195, 0.2911,
0.3267

■ 47.2730, 0.4543,
0.4731

■ 93.7992, 0.2911,
0.3289

Harmonies

Analogous

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



70.0579, 0.3175, 0.3324



70.0579, 0.3161, 0.3334



70.0579, 0.3138, 0.3332

Triad

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



70.0579, 0.3161, 0.3334



70.0579, 0.3079, 0.3274



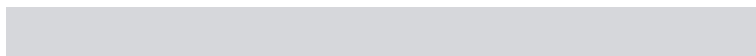
70.0579, 0.3142, 0.3262

Complementary

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



70.0579, 0.3161, 0.3334



68.0176, 0.3093, 0.3246

Split Complementary

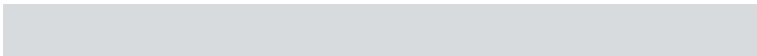
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0579, 0.3116, 0.3249



70.0579, 0.3161, 0.3334



70.0579, 0.3080, 0.3256

Square

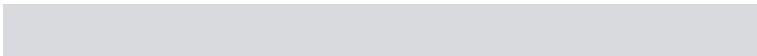
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0579, 0.3161, 0.3334



70.0579, 0.3090, 0.3297



70.0579, 0.3094, 0.3247



70.0579, 0.3164, 0.3283

Rectangle

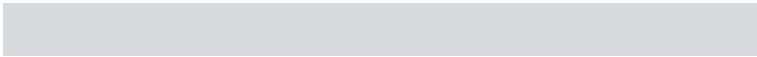
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0579, 0.3161, 0.3334



70.0579, 0.3121, 0.3324



70.0579, 0.3094, 0.3247



70.0579, 0.3134, 0.3257

Sweetspot

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



70.0609, 0.3161, 0.3334



99.5139, 0.3142, 0.3309



68.0686, 0.3157, 0.3279



21.3052, 0.3141, 0.3309



0.0000, 0.0000, 0.0000



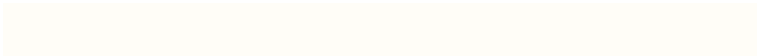
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0609, 0.3161, 0.3334



98.5508, 0.3172, 0.3349



70.3449, 0.3150, 0.3345



15.2080, 0.3184, 0.3363



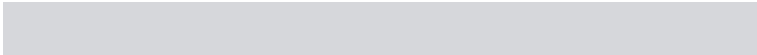
27.3770, 0.4592, 0.4736



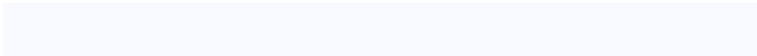
1.8879, 0.4515, 0.4797

Inverse Universe

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



68.0176, 0.3093, 0.3246



94.7291, 0.3082, 0.3231



67.7411, 0.3104, 0.3235



14.4735, 0.3070, 0.3216



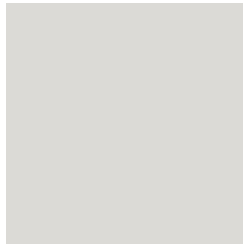
4.2033, 0.1556, 0.0801



0.3945, 0.1638, 0.1095

Previews

White Background



This preview shows how the Yxy color 70.0579, 0.3161, 0.3334 looks on a white background.

Color Contrast Check

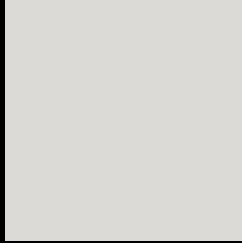
Large Text (above 18pt) WCAG AA × Fail

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 70.0579, 0.3161, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

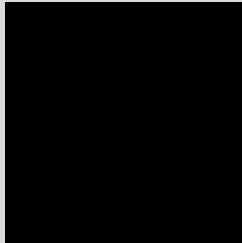
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

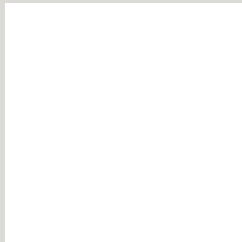
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0579, 0.3161, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 70.0579, 0.3161, 0.3334.

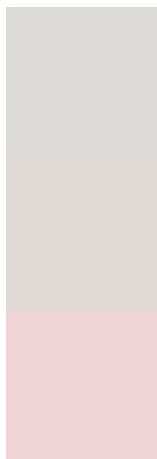


This preview shows how white text looks on a background with the Yxy color 70.0579, 0.3161, 0.3334.

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

70.0579, 0.3161, 0.3334

Protanopia

70.1178, 0.3198, 0.3334

Deuteranopia

70.0201, 0.3317, 0.3248



Tritanopia

69.9567, 0.3064, 0.3107

Trichromacy



Original Color

70.0579, 0.3161, 0.3334

Protanomaly

69.9594, 0.3191, 0.3334

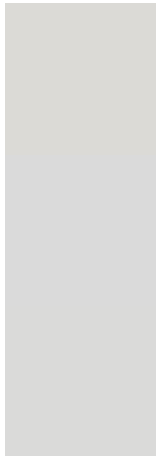
Deuteranomaly

70.1552, 0.3253, 0.3280

Tritanomaly

69.9201, 0.3103, 0.3192

Monochromacy



Original Color

70.0579, 0.3161, 0.3334

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0580, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0579, 0.3161, 0.3334 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(219, 218, 214) looks like.

```
.text, #text, p{  
    color:rgb(219, 218, 214)  
}
```

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(219, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 214) }
```

Border

The CSS property to change the border of an element to Yxy 70.0579, 0.3161, 0.3334 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(219, 218, 214) }
```

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

```
.border{ border-color:rgb(219, 218, 214) }
```

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

Here you see how a box with a 4 pixel rgb(219, 218, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 218,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0579, 0.3161, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 218, 214) }
```

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

```
.background{ background-color: rgb(219,  
218, 214) }
```

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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