

Converting Colors

$Yxy(70.6487, 0.3154, 0.3318)$

Have a look what the booklet for
Yxy(70.6487, 0.3154, 0.3318)
contains.

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Color

Yxy(70.8365, 0.3154, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	DCDBD8
RGB	220, 219, 216
RGB Percent	86%, 86%, 85%
CMY	0.1374, 0.1411, 0.1529
CMYK	0.00, 0.00, 0.02, 0.14
HSL	46°, 5%, 85%
HSV	46°, 2%, 86%
XYZ	67.2339, 70.8365, 75.0999
YIQ	218.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

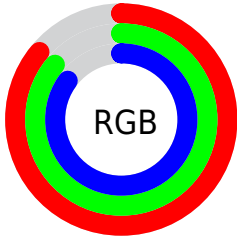
Format	Color
R _Y B	217, 220, 216
Decimal	14474200
CIE Lab	87.41, -0.21, 1.58
CIE LCh	87, 1.591, 97.499
Yxy	70.8365, 0.3154, 0.3323
Android (android.graphics.Color)	4292664280 (0xFFDCDBD8)
YUV	218.9570, -1.4578, 0.9147
Hunter-Lab	84.1644, -4.6948, 6.0106

Details

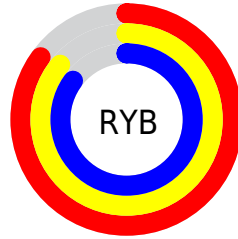
The Yxy color **70.8365, 0.3154, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3700, 0.3100, 0.3257**, and the grayscale version is **70.8153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1235, 0.3163, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **67.0654, 0.3311, 0.3512**, and if you desaturate by 10%, it is **74.8534, 0.3010, 0.3144**.

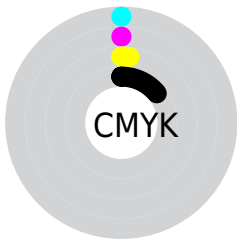
Distribution



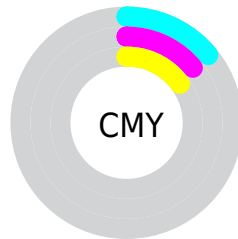
- Red (86%)
- Green (86%)
- Blue (85%)



- Red (85%)
- Yellow (86%)
- Blue (85%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.8365, 0.3154, 0.3323 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 70.8365, 0.3154, 0.3323 by changing the saturation by 10% instead.

■ 70.8365, 0.3154,
0.3323

■ 70.8365, 0.3154,
0.3323

463.4817, 0.3142,
0.3308

■ 52.2088, 0.3157,
0.3327

120.4009, 0.3150,
0.3318

■ 37.1715, 0.3160,
0.3331

152.1064, 0.3148,
0.3316

■ 25.3403, 0.3165,
0.3336

188.9398, 0.3147,
0.3314

■ 16.3308, 0.3171,
0.3344

231.2858, 0.3145,
0.3312

■ 9.7585, 0.3179,
0.3354

279.5285, 0.3144,
0.3311

■ 5.2391, 0.3191,
0.3368

334.0525, 0.3143,

■ 2.3883, 0.3210,

0.3310

395.2421, 0.3142,
0.3309

0.3392

0.8198, 0.3258,
0.3450

0.0000, 0.0000,
0.0000

70.8365, 0.3154,
0.3323

70.8365, 0.3154,
0.3323

67.0654, 0.3311,
0.3512

74.8534, 0.3010,
0.3144

63.5241, 0.3480,
0.3708

78.7870, 0.2909,
0.3026

60.2085, 0.3660,
0.3906

81.7629, 0.2911,
0.3082

57.1108, 0.3846,
0.4099

84.8286, 0.2912,
0.3137

■ 54.2228, 0.4032,
0.4279

■ 87.9847, 0.2914,
0.3192

■ 51.5355, 0.4211,
0.4433

■ 91.2319, 0.2916,
0.3246

■ 49.0388, 0.4375,
0.4553

■ 93.9502, 0.2917,
0.3289

■ 46.7213, 0.4515,
0.4630

■ 44.5695, 0.4627,
0.4658

Harmonies

Analogous

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



70.8365, 0.3164, 0.3315



70.8365, 0.3154, 0.3323



70.8365, 0.3137, 0.3322

Triad

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



70.8365, 0.3154, 0.3323



70.8365, 0.3091, 0.3280



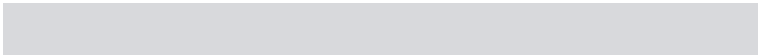
70.8365, 0.3137, 0.3268

Complementary

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



70.8365, 0.3154, 0.3323



69.3700, 0.3100, 0.3257

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.



70.8365, 0.3117, 0.3259



70.8365, 0.3154, 0.3323



70.8365, 0.3091, 0.3265

Square

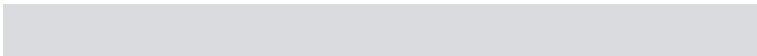
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8365, 0.3154, 0.3323



70.8365, 0.3101, 0.3297



70.8365, 0.3101, 0.3258



70.8365, 0.3154, 0.3283

Rectangle

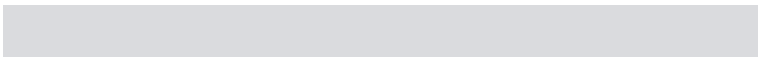
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.8365, 0.3154, 0.3323



70.8365, 0.3124, 0.3317



70.8365, 0.3101, 0.3258



70.8365, 0.3131, 0.3264

Sweetspot

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



70.8396, 0.3154, 0.3323



99.4470, 0.3142, 0.3308



69.3361, 0.3149, 0.3279



21.2916, 0.3141, 0.3308



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.



70.8396, 0.3154, 0.3323



98.8974, 0.3157, 0.3327



71.1826, 0.3146, 0.3333



15.3275, 0.3155, 0.3325



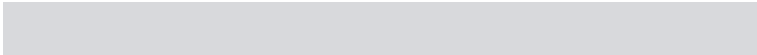
25.3735, 0.4690, 0.4658



1.7737, 0.4592, 0.4736

Inverse Universe

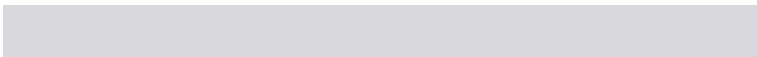
The Inverse Universe completely reimagines the original color for something new.



69.3700, 0.3100, 0.3257



96.5974, 0.3097, 0.3253



69.0331, 0.3108, 0.3246



14.9940, 0.3099, 0.3255



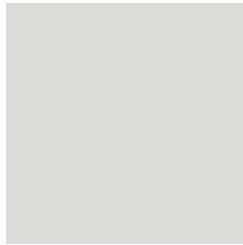
4.6616, 0.1577, 0.0875



0.4362, 0.1663, 0.1187

Previews

White Background



This preview shows how the Yxy color 70.8365, 0.3154, 0.3323 looks on a white background.

Color Contrast Check

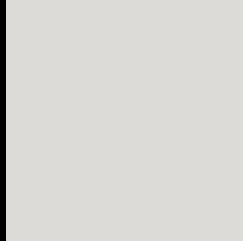
Large Text (above 18pt) WCAG AA × Fail

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 70.8365, 0.3154, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

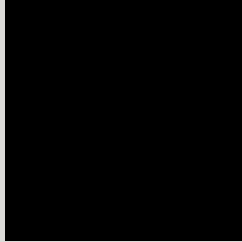
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

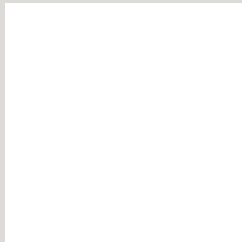
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.8365, 0.3154, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 70.8365, 0.3154, 0.3323.

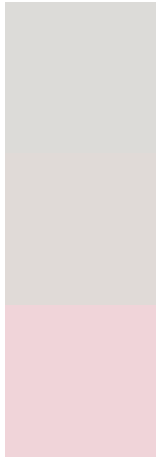


This preview shows how white text looks on a background with the Yxy color 70.8365, 0.3154, 0.3323.

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

70.8365, 0.3154, 0.3323

Protanopia

70.8964, 0.3191, 0.3323

Deuteranopia

70.6220, 0.3301, 0.3238



Tritanopia

70.6829, 0.3064, 0.3108

Trichromacy



Original Color

70.8365, 0.3154, 0.3323

Protanomaly

70.7371, 0.3183, 0.3323

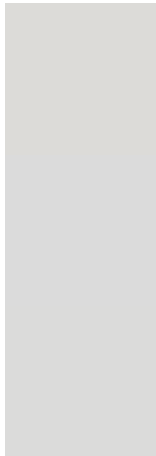
Deuteranomaly

70.9343, 0.3246, 0.3269

Tritanomaly

70.7014, 0.3096, 0.3182

Monochromacy



Original Color

70.8365, 0.3154, 0.3323

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7851, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8365, 0.3154, 0.3323 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(220, 219, 216)` looks like.

```
.text, #text, p{  
    color:rgb(220, 219, 216)  
}
```

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(220, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 219, 216) }
```

Border

The CSS property to change the border of an element to Yxy 70.8365, 0.3154, 0.3323 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(220, 219, 216) }
```

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

```
.border{ border-color:rgb(220, 219, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 219, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 219, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 219, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 219,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8365, 0.3154, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 219, 216) }
```

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

```
.background{ background-color: rgb(220,  
219, 216) }
```

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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