

Converting Colors

Yxy(75.9469, 0.3116, 0.3361)

Have a look what the booklet for
Yxy(75.9469, 0.3116, 0.3361)
contains.

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Color

Yxy(75.9229, 0.3117, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	DCE4DD
RGB	220, 228, 221
RGB Percent	86%, 89%, 87%
CMY	0.1372, 0.1059, 0.1335
CMYK	0.04, 0.00, 0.03, 0.11
HSL	127°, 13%, 88%
HSV	127°, 4%, 89%
XYZ	70.3065, 75.9229, 79.3288
YIQ	224.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

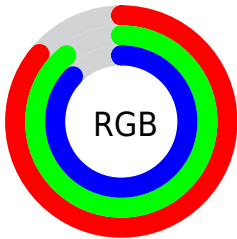
Format	Color
RYB	220, 227, 228
Decimal	14476509
CIELab	89.82, -3.94, 2.49
CIELCh	90, 4.665, 147.739
Yxy	75.9229, 0.3117, 0.3366
Android (android.graphics.Color)	4292666589 (0xFFDCE4DD)
YUV	224.8100, -1.8783, -4.2184
Hunter-Lab	87.1337, -8.4559, 7.0145

Details

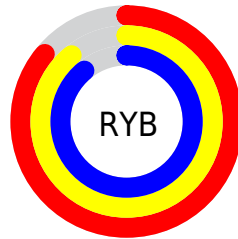
The Yxy color **75.9229, 0.3117, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2333, 0.3137, 0.3215**, and the grayscale version is **75.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6396, 0.3114, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **71.6011, 0.3087, 0.3603**, and if you desaturate by 10%, it is **80.8643, 0.3145, 0.3159**.

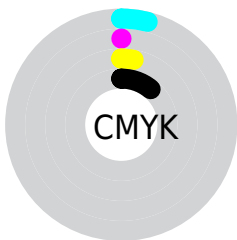
Distribution



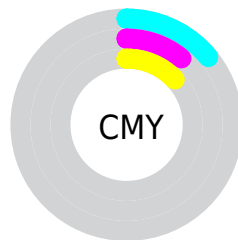
- Red (86%)
- Green (89%)
- Blue (87%)



- Red (86%)
- Yellow (89%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9229, 0.3117, 0.3366 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 75.9229, 0.3117, 0.3366 by changing the saturation by 10% instead.

■ 75.9229, 0.3117,
0.3366

■ 75.9229, 0.3117,
0.3366

481.0837, 0.3122,
0.3331

■ 56.3693, 0.3116,
0.3374

127.6179, 0.3119,
0.3354

■ 40.4991, 0.3114,
0.3384

160.5281, 0.3119,
0.3349

■ 27.9279, 0.3113,
0.3396

198.6593, 0.3120,
0.3345

■ 18.2713, 0.3110,
0.3413

242.3958, 0.3120,
0.3342

■ 11.1449, 0.3107,
0.3435

292.1222, 0.3121,
0.3338

■ 6.1644, 0.3102,
0.3468

348.2227, 0.3121,

■ 2.9453, 0.3095,

0.3336

0.3519

411.0817, 0.3122,
0.3333

■ 1.1032, 0.3080,
0.3611

■ 0.0000, 0.0000,
0.0000

■ 75.9229, 0.3117,
0.3366

■ 75.9229, 0.3117,
0.3366

■ 71.6011, 0.3087,
0.3603

■ 80.8643, 0.3145,
0.3159

■ 67.8651, 0.3057,
0.3870

■ 83.9712, 0.3139,
0.3029

■ 64.6927, 0.3028,
0.4165

■ 62.0563, 0.3001,
0.4482

■ 59.9263, 0.2978,
0.4809

■ 58.2698, 0.2963,
0.5130

■ 57.0504, 0.2956,
0.5423

■ 56.2261, 0.2959,
0.5667

■ 55.7465, 0.2970,
0.5845

Harmonies

Analogous

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



75.9229, 0.3172, 0.3386



75.9229, 0.3117, 0.3366



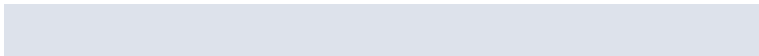
75.9229, 0.3065, 0.3325

Triad

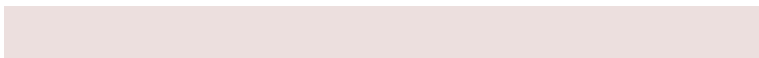
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9229, 0.3117, 0.3366



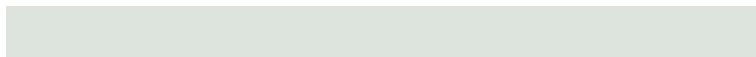
75.9229, 0.3039, 0.3201



75.9229, 0.3226, 0.3304

Complementary

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



75.9229, 0.3117, 0.3366



73.2333, 0.3137, 0.3215

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.



75.9229, 0.3190, 0.3255



75.9229, 0.3117, 0.3366



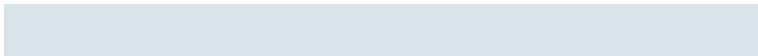
75.9229, 0.3082, 0.3196

Square

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



75.9229, 0.3117, 0.3366



75.9229, 0.3020, 0.3230



75.9229, 0.3137, 0.3216



75.9229, 0.3236, 0.3349

Rectangle

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



75.9229, 0.3117, 0.3366



75.9229, 0.3039, 0.3292



75.9229, 0.3137, 0.3216



75.9229, 0.3217, 0.3287

Sweetspot

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



75.9262, 0.3117, 0.3366



99.3758, 0.3124, 0.3311



77.0018, 0.3172, 0.3375



21.2771, 0.3124, 0.3310



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.



75.9262, 0.3117, 0.3366



97.5516, 0.3115, 0.3377



76.1406, 0.3092, 0.3323



16.5758, 0.3113, 0.3393



32.0956, 0.2974, 0.5908



2.3810, 0.2920, 0.5711

Inverse Universe

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



73.2333, 0.3137, 0.3215



93.5855, 0.3139, 0.3204



73.0161, 0.3164, 0.3257



15.7842, 0.3141, 0.3189



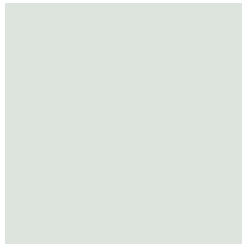
11.9631, 0.3535, 0.1721



0.8925, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 75.9229, 0.3117, 0.3366 looks on a white background.

Color Contrast Check

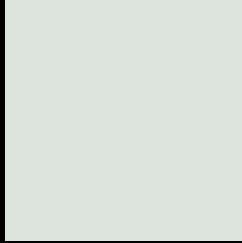
Large Text (above 18pt) WCAG AA × Fail

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 75.9229, 0.3117, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

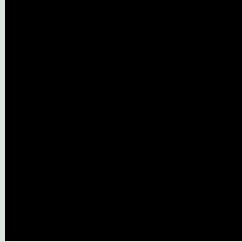
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

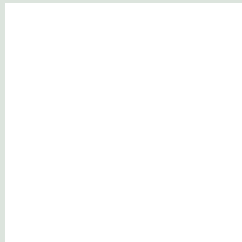
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9229, 0.3117, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 75.9229, 0.3117, 0.3366.



This preview shows how white text looks on a background with the Yxy color 75.9229, 0.3117, 0.3366.

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

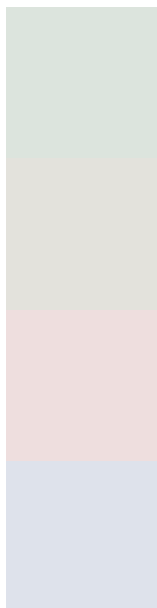




Tritanopia

76.0095, 0.3000, 0.3101

Trichromacy



Original Color

75.9229, 0.3117, 0.3366

Protanomaly

75.8909, 0.3173, 0.3354

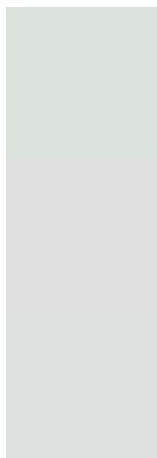
Deuteranomaly

75.6936, 0.3241, 0.3290

Tritanomaly

75.9205, 0.3043, 0.3194

Monochromacy



Original Color

75.9229, 0.3117, 0.3366

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4625, 0.3119, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9229, 0.3117, 0.3366 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, 228, 221)` looks like.

```
.text, #text, p{  
    color:rgb(220, 228, 221)  
}
```

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, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 228, 221) }
```

Border

The CSS property to change the border of an element to Yxy 75.9229, 0.3117, 0.3366 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, 228, 221) }
```

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

```
.border{ border-color:rgb(220, 228, 221) }
```

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

Here you see how a box with a 4 pixel rgb(220, 228, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 228, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 228, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 228,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9229, 0.3117, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 228, 221) }
```

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

```
.background{ background-color: rgb(220,  
228, 221) }
```

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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