

Converting Colors

$Yxy(71.8415, 0.3077, 0.3442)$

Have a look what the booklet for
Yxy(71.8415, 0.3077, 0.3442)
contains.

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Color

Yxy(71.7257, 0.3079, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	CEE1D4
RGB	206, 225, 212
RGB Percent	81%, 88%, 83%
CMY	0.1920, 0.1177, 0.1686
CMYK	0.08, 0.00, 0.06, 0.12
HSL	139°, 24%, 85%
HSV	139°, 8%, 88%
XYZ	64.2734, 71.7257, 72.7486
YIQ	217.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

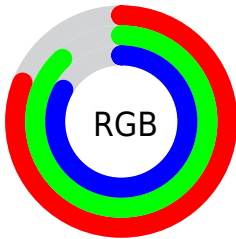
Format	Color
RYB	206, 220, 225
Decimal	13558228
CIELab	87.84, -8.70, 4.18
CIELCh	88, 9.656, 154.322
Yxy	71.7257, 0.3079, 0.3436
Android (android.graphics.Color)	4291748308 (0xFFCEE1D4)
YUV	217.8370, -2.8776, -10.3810
Hunter-Lab	84.6910, -12.7427, 8.3543

Details

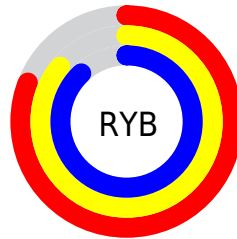
The Yxy color **71.7257, 0.3079, 0.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2898, 0.3179, 0.3148**, and the grayscale version is **70.0240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8592, 0.3073, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **67.9931, 0.3022, 0.3630**, and if you desaturate by 10%, it is **75.9998, 0.3136, 0.3264**.

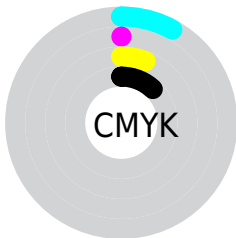
Distribution



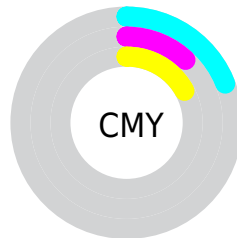
- Red (81%)
- Green (88%)
- Blue (83%)



- Red (81%)
- Yellow (86%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7257, 0.3079, 0.3436 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 71.7257, 0.3079, 0.3436 by changing the saturation by 10% instead.

■ 71.7257, 0.3079,
0.3436

■ 71.7257, 0.3079,
0.3436

466.5863, 0.3102,
0.3368

■ 52.9346, 0.3074,
0.3452

121.6665, 0.3087,
0.3412

■ 37.7506, 0.3067,
0.3472

153.5850, 0.3090,
0.3403

■ 25.7892, 0.3059,
0.3497

190.6481, 0.3093,
0.3395

■ 16.6660, 0.3047,
0.3531

233.2401, 0.3095,
0.3388

■ 9.9966, 0.3032,
0.3577

281.7456, 0.3097,
0.3382

■ 5.3967, 0.3008,
0.3646

336.5489, 0.3099,

■ 2.4819, 0.2970,

0.3377

0.3758

398.0343, 0.3100,
0.3372

0.8675, 0.2871,
0.4070

0.0000, 0.0000,
0.0000

71.7257, 0.3079,
0.3436

71.7257, 0.3079,
0.3436

67.9931, 0.3022,
0.3630

75.9998, 0.3136,
0.3264

64.7712, 0.2968,
0.3846

80.8264, 0.3192,
0.3113

62.0400, 0.2918,
0.4082

82.3257, 0.3141,
0.2999

59.7747, 0.2877,
0.4335

■ 57.9483, 0.2846,
0.4600

■ 56.5307, 0.2830,
0.4865

■ 55.4882, 0.2830,
0.5121

■ 54.7811, 0.2848,
0.5354

■ 54.3524, 0.2879,
0.5553

Harmonies

Analogous

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



71.7257, 0.3197, 0.3489



71.7257, 0.3079, 0.3436



71.7257, 0.2975, 0.3342

Triad

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



71.7257, 0.3079, 0.3436



71.7257, 0.2958, 0.3097



71.7257, 0.3347, 0.3339

Complementary

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



71.7257, 0.3079, 0.3436



65.2898, 0.3179, 0.3148

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.



71.7257, 0.3280, 0.3238



71.7257, 0.3079, 0.3436



71.7257, 0.3055, 0.3099

Square

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



71.7257, 0.3079, 0.3436



71.7257, 0.2906, 0.3145



71.7257, 0.3173, 0.3151



71.7257, 0.3353, 0.3431

Rectangle

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



71.7257, 0.3079, 0.3436



71.7257, 0.2928, 0.3270



71.7257, 0.3173, 0.3151



71.7257, 0.3330, 0.3305

Sweetspot

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



71.7288, 0.3079, 0.3436



98.2447, 0.3110, 0.3341



73.4125, 0.3211, 0.3499



20.9304, 0.3105, 0.3355



0.0000, 0.0000, 0.0000



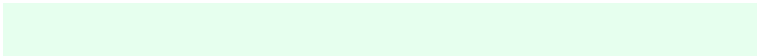
21.4041, 0.3127, 0.3290

Same Dimension

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



71.7288, 0.3079, 0.3436



94.4053, 0.3070, 0.3466



72.2062, 0.3021, 0.3332



15.4079, 0.3073, 0.3455



31.3102, 0.2876, 0.5554



2.1861, 0.2789, 0.5241

Inverse Universe

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



65.2898, 0.3179, 0.3148



84.2899, 0.3190, 0.3120



64.8186, 0.3245, 0.3249



13.8584, 0.3186, 0.3131



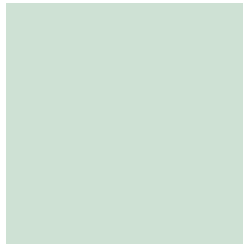
10.5952, 0.4197, 0.2086



0.7504, 0.4007, 0.1981

Previews

White Background



This preview shows how the Yxy color 71.7257, 0.3079, 0.3436 looks on a white background.

Color Contrast Check

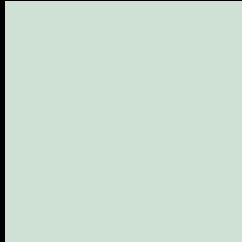
Large Text (above 18pt) WCAG AA × Fail

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 71.7257, 0.3079, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

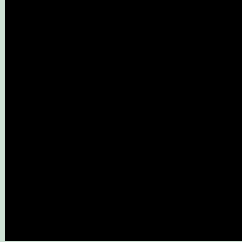
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

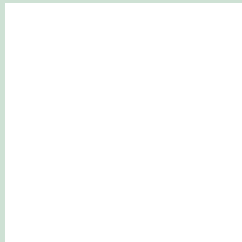
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7257, 0.3079, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 71.7257, 0.3079, 0.3436.

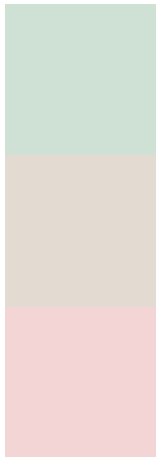


This preview shows how white text looks on a background with the Yxy color 71.7257, 0.3079, 0.3436.

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

71.7257, 0.3079, 0.3436

Protanopia

71.5974, 0.3253, 0.3399

Deuteranopia

71.4982, 0.3344, 0.3280



Tritanopia

71.6465, 0.2937, 0.3094

Trichromacy



Original Color

71.7257, 0.3079, 0.3436

Protanomaly

71.4261, 0.3186, 0.3411

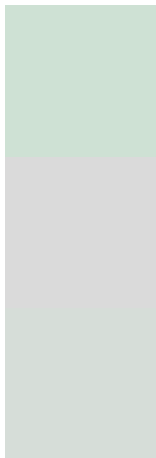
Deuteranomaly

71.2528, 0.3249, 0.3333

Tritanomaly

71.4550, 0.2992, 0.3213

Monochromacy



Original Color

71.7257, 0.3079, 0.3436

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9669, 0.3110, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7257, 0.3079, 0.3436 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(206, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(206, 225, 212)  
}
```

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(206, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 225, 212) }
```

Border

The CSS property to change the border of an element to Yxy 71.7257, 0.3079, 0.3436 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(206, 225, 212) }
```

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

```
.border{ border-color:rgb(206, 225, 212) }
```

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

Here you see how a box with a 4 pixel rgb(206, 225, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 225,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7257, 0.3079, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 225, 212) }
```

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

```
.background{ background-color: rgb(206,  
225, 212) }
```

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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