

Converting Colors

$Yxy(70.4013, 0.3043, 0.3318)$

Have a look what the booklet for
Yxy(70.4013, 0.3043, 0.3318)
contains.

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Color

Yxy(70.6224, 0.3042, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	CFDEDB
RGB	207, 222, 219
RGB Percent	81%, 87%, 86%
CMY	0.1881, 0.1294, 0.1411
CMYK	0.07, 0.00, 0.01, 0.13
HSL	168°, 18%, 84%
HSV	168°, 7%, 87%
XYZ	64.6504, 70.6224, 77.2532
YIQ	217.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

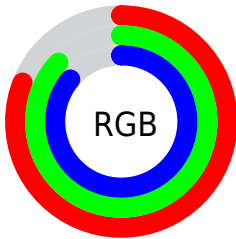
Format	Color
RYB	207, 215, 222
Decimal	13623003
CIELab	87.30, -5.54, -0.28
CIELCh	87, 5.546, 182.848
Yxy	70.6224, 0.3042, 0.3323
Android (android.graphics.Color)	4291813083 (0xFFCFDEDB)
YUV	217.1730, 0.9007, -8.9217
Hunter-Lab	84.0371, -9.7436, 4.3222

Details

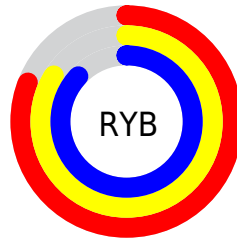
The Yxy color **70.6224, 0.3042, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8301, 0.3220, 0.3257**, and the grayscale version is **69.5174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0901, 0.3025, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **67.4190, 0.2920, 0.3376**, and if you desaturate by 10%, it is **74.2875, 0.3169, 0.3275**.

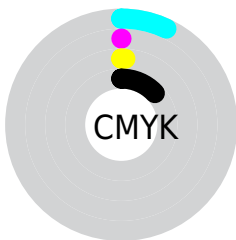
Distribution



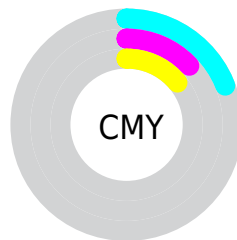
- Red (81%)
- Green (87%)
- Blue (86%)



- Red (81%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6224, 0.3042, 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 70.6224, 0.3042, 0.3323 by changing the saturation by 10% instead.

■ 70.6224, 0.3042,
0.3323

■ 70.6224, 0.3042,
0.3323

462.7324, 0.3082,
0.3308

■ 52.0341, 0.3033,
0.3326

120.0959, 0.3056,
0.3318

■ 37.0323, 0.3022,
0.3331

151.7499, 0.3061,
0.3316

■ 25.2325, 0.3007,
0.3336

188.5280, 0.3066,
0.3314

■ 16.2503, 0.2988,
0.3344

230.8144, 0.3070,
0.3312

■ 9.7015, 0.2962,
0.3353

278.9937, 0.3073,
0.3311

■ 5.2015, 0.2924,
0.3368

333.4502, 0.3076,

■ 2.3660, 0.2864,

0.3310

394.5683, 0.3079,
0.3309

0.3391

0.8083, 0.2704,
0.3453

0.0000, 0.0000,
0.0000

70.6224, 0.3042,
0.3323

70.6224, 0.3042,
0.3323

67.4190, 0.2920,
0.3376

74.2875, 0.3169,
0.3275

64.6497, 0.2805,
0.3434


78.4229, 0.3298,
0.3232


62.2975, 0.2701,
0.3497


79.3394, 0.3294,
0.3188

60.3407, 0.2611,
0.3563


79.5940, 0.3264,
0.3145

 58.7558, 0.2536,
0.3633

 79.8549, 0.3234,
0.3102

 57.5168, 0.2480,
0.3704


 80.1222, 0.3204,
0.3059


 56.5941, 0.2443,
0.3777

 80.3960, 0.3175,
0.3017

 55.9534, 0.2426,
0.3850

 80.6762, 0.3146,
0.2976

 55.5504, 0.2427,
0.3922

 80.7180, 0.3142,
0.2970

Harmonies

Analogous

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



70.6224, 0.3103, 0.3376



70.6224, 0.3042, 0.3323



70.6224, 0.3004, 0.3262

Triad

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



70.6224, 0.3042, 0.3323



70.6224, 0.3082, 0.3178



70.6224, 0.3258, 0.3370

Complementary

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



70.6224, 0.3042, 0.3323



64.8301, 0.3220, 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.



70.6224, 0.3252, 0.3317



70.6224, 0.3042, 0.3323



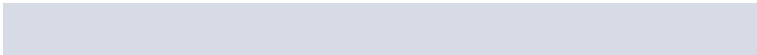
70.6224, 0.3150, 0.3207

Square

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



70.6224, 0.3042, 0.3323



70.6224, 0.3027, 0.3179



70.6224, 0.3213, 0.3257



70.6224, 0.3228, 0.3402

Rectangle

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



70.6224, 0.3042, 0.3323



70.6224, 0.2996, 0.3225



70.6224, 0.3213, 0.3257



70.6224, 0.3260, 0.3354

Sweetspot

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



70.6254, 0.3042, 0.3323



98.9803, 0.3101, 0.3300



70.4520, 0.3140, 0.3458



21.1965, 0.3103, 0.3299



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.



70.6254, 0.3042, 0.3323



96.0755, 0.3025, 0.3330



68.4333, 0.3024, 0.3239



15.5232, 0.3008, 0.3337



32.9525, 0.2426, 0.3935



2.2961, 0.2396, 0.3824

Inverse Universe

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



64.8301, 0.3220, 0.3257



86.6597, 0.3239, 0.3251



66.8875, 0.3237, 0.3340



13.7449, 0.3261, 0.3244



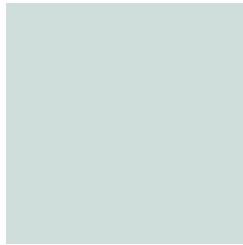
9.3457, 0.6070, 0.3118



0.6605, 0.5647, 0.2885

Previews

White Background



This preview shows how the Yxy color 70.6224, 0.3042, 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 70.6224, 0.3042, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

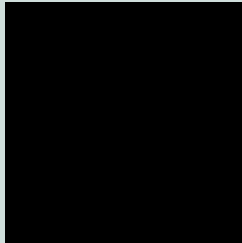
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

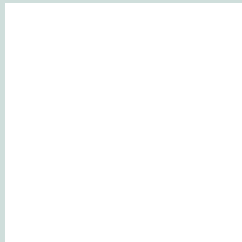
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6224, 0.3042, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 70.6224, 0.3042, 0.3323.

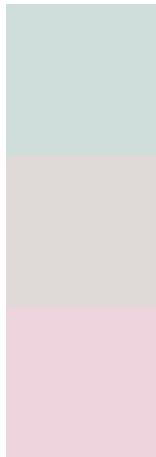


This preview shows how white text looks on a background with the Yxy color 70.6224, 0.3042, 0.3323.

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

70.6224, 0.3042, 0.3323

Protanopia

70.2716, 0.3177, 0.3301

Deuteranopia

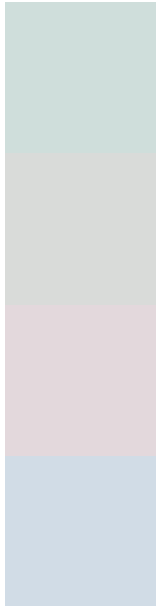
70.4846, 0.3258, 0.3196



Tritanopia

70.4791, 0.2949, 0.3093

Trichromacy



Original Color

70.6224, 0.3042, 0.3323

Protanomaly

70.4245, 0.3126, 0.3312

Deuteranomaly

70.6099, 0.3180, 0.3247

Tritanomaly

70.4549, 0.2986, 0.3179

Monochromacy



Original Color

70.6224, 0.3042, 0.3323

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.8711, 0.3091, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6224, 0.3042, 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(207, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(207, 222, 219)  
}
```

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(207, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 222, 219) }
```

Border

The CSS property to change the border of an element to Yxy 70.6224, 0.3042, 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(207, 222, 219) }
```

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

```
.border{ border-color:rgb(207, 222, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 222, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 222, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 222, 219);  
box-shadow:4px 4px 4px 4px rgb(207, 222,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6224, 0.3042, 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(207, 222, 219) }
```

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

```
.background{ background-color: rgb(207,  
222, 219) }
```

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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