

Converting Colors

$Yxy(72.0653, 0.3241, 0.3486)$

Have a look what the booklet for
Yxy(72.0653, 0.3241, 0.3486)
contains.

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Color

Yxy(71.9743, 0.3240, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	DDDECC
RGB	221, 222, 204
RGB Percent	87%, 87%, 80%
CMY	0.1333, 0.1294, 0.2001
CMYK	0.00, 0.00, 0.08, 0.13
HSL	63°, 21%, 84%
HSV	63°, 8%, 87%
XYZ	66.8377, 71.9743, 67.4772
YIQ	219.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

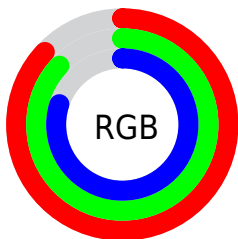
Format	Color
RYB	204, 222, 205
Decimal	14540492
CIELab	87.96, -3.46, 8.72
CIELCh	88, 9.381, 111.633
Yxy	71.9743, 0.3240, 0.3489
Android (android.graphics.Color)	4292730572 (0xFFDDDECC)
YUV	219.6490, -7.7150, 1.1848
Hunter-Lab	84.8377, -7.8382, 12.2290

Details

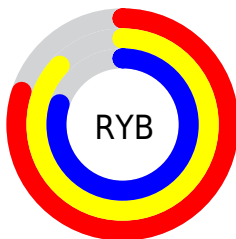
The Yxy color **71.9743, 0.3240, 0.3489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4210, 0.3010, 0.3084**, and the grayscale version is **71.3660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9464, 0.3266, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **70.7949, 0.3382, 0.3742**, and if you desaturate by 10%, it is **73.3133, 0.3102, 0.3245**.

Distribution



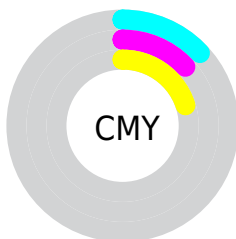
- Red (87%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9743, 0.3240, 0.3489 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 71.9743, 0.3240, 0.3489 by changing the saturation by 10% instead.

■ 71.9743, 0.3240,
0.3489

■ 71.9743, 0.3240,
0.3489

467.4521, 0.3188,
0.3396

■ 53.1377, 0.3252,
0.3510

122.0200, 0.3222,
0.3457

■ 37.9127, 0.3266,
0.3537

153.9979, 0.3215,
0.3444

■ 25.9149, 0.3285,
0.3571

191.1249, 0.3209,
0.3433

■ 16.7600, 0.3309,
0.3616

233.7856, 0.3204,
0.3424

■ 10.0635, 0.3342,
0.3678

282.3643, 0.3199,
0.3416

■ 5.4411, 0.3389,
0.3768

337.2453, 0.3195,

■ 2.5083, 0.3461,

0.3408

0.3913

398.8131, 0.3191,
0.3402

0.8808, 0.3796,
0.4442

0.0000, 0.0000,
0.0000

71.9743, 0.3240,
0.3489

71.9743, 0.3240,
0.3489

70.7949, 0.3382,
0.3742

73.3133, 0.3102,
0.3245

69.7592, 0.3524,
0.3996

74.8083, 0.2970,
0.3014

68.8635, 0.3660,
0.4245

75.4244, 0.2937,
0.2949

68.1004, 0.3786,
0.4479

75.6223, 0.2946,
0.2950

67.4618, 0.3896,
0.4686

75.8216, 0.2954,
0.2951

66.9388, 0.3983,
0.4859

76.0223, 0.2962,
0.2951

66.5212, 0.4046,
0.4990

76.2245, 0.2970,
0.2952

66.1969, 0.4082,
0.5077

76.4281, 0.2978,
0.2953

65.9487, 0.4095,
0.5123

76.6332, 0.2986,
0.2954

Harmonies

Analogous

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



71.9743, 0.3322, 0.3463



71.9743, 0.3240, 0.3489



71.9743, 0.3129, 0.3460

Triad

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



71.9743, 0.3240, 0.3489



71.9743, 0.2908, 0.3182



71.9743, 0.3235, 0.3200

Complementary

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



71.9743, 0.3240, 0.3489



61.4210, 0.3010, 0.3084

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.



71.9743, 0.3122, 0.3128



71.9743, 0.3240, 0.3489



71.9743, 0.2935, 0.3117

Square

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



71.9743, 0.3240, 0.3489



71.9743, 0.2939, 0.3280



71.9743, 0.3013, 0.3098



71.9743, 0.3319, 0.3296

Rectangle

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



71.9743, 0.3240, 0.3489



71.9743, 0.3054, 0.3412



71.9743, 0.3013, 0.3098



71.9743, 0.3199, 0.3173

Sweetspot

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



71.9774, 0.3240, 0.3489



99.6223, 0.3155, 0.3339



63.4906, 0.3266, 0.3301



21.3272, 0.3153, 0.3336



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.



71.9774, 0.3240, 0.3489



98.1984, 0.3268, 0.3538



70.6140, 0.3175, 0.3493



15.9889, 0.3259, 0.3522



39.1607, 0.4097, 0.5129



2.7264, 0.4113, 0.5116

Inverse Universe

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



61.4210, 0.3010, 0.3084



80.5100, 0.2979, 0.3031



62.7259, 0.3076, 0.3088



13.2793, 0.2989, 0.3048



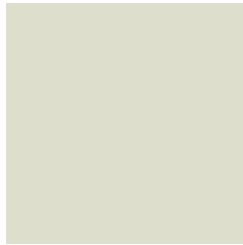
3.1955, 0.1518, 0.0610



0.2344, 0.1570, 0.0639

Previews

White Background



This preview shows how the Yxy color 71.9743, 0.3240, 0.3489 looks on a white background.

Color Contrast Check

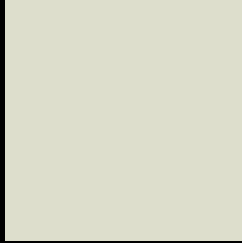
Large Text (above 18pt) WCAG AA × Fail

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 71.9743, 0.3240, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

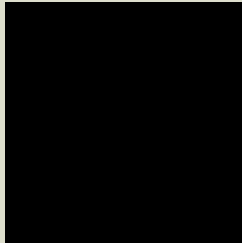
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

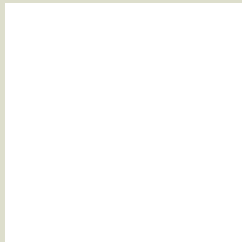
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9743, 0.3240, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 71.9743, 0.3240, 0.3489.



This preview shows how white text looks on a background with the Yxy color 71.9743, 0.3240, 0.3489.

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

71.9743, 0.3240, 0.3489

Protanopia

72.1562, 0.3308, 0.3475

Deuteranopia

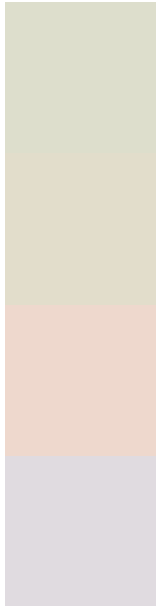
71.8189, 0.3433, 0.3364



Tritanopia

71.6314, 0.3065, 0.3099

Trichromacy



Original Color

71.9743, 0.3240, 0.3489

Protanomaly

72.1935, 0.3284, 0.3487

Deuteranomaly

71.6967, 0.3367, 0.3408

Tritanomaly

71.8921, 0.3130, 0.3236

Monochromacy



Original Color

71.9743, 0.3240, 0.3489

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7836, 0.3166, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9743, 0.3240, 0.3489 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(221, 222, 204)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 204)  
}
```

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(221, 222, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 204) }
```

Border

The CSS property to change the border of an element to Yxy 71.9743, 0.3240, 0.3489 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(221, 222, 204) }
```

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

```
.border{ border-color:rgb(221, 222, 204) }
```

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

Here you see how a box with a 4 pixel rgb(221, 222, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 204);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9743, 0.3240, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 204) }
```

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

```
.background{ background-color: rgb(221,  
222, 204) }
```

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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