

Converting Colors

Yxy(68.9952, 0.3312, 0.3702)

Have a look what the booklet for
Yxy(68.9952, 0.3312, 0.3702)
contains.

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Color

Yxy(68.7932, 0.3319, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	D5DCB8
RGB	213, 220, 184
RGB Percent	84%, 86%, 72%
CMY	0.1646, 0.1373, 0.2783
CMYK	0.03, 0.00, 0.16, 0.14
HSL	72°, 34%, 79%
HSV	72°, 16%, 86%
XYZ	61.6927, 68.7932, 55.3914
YIQ	213.8030, 7.3840, -12.6800

Conversions

Conversions Part 2

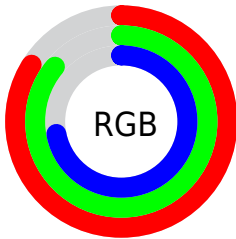
Format	Color
RYB	184, 220, 191
Decimal	14015672
CIELab	86.40, -8.47, 16.90
CIELCh	86, 18.901, 116.629
Yxy	68.7932, 0.3319, 0.3701
Android (android.graphics.Color)	4292205752 (0xFFD5DCB8)
YUV	213.8030, -14.6929, -0.7042
Hunter-Lab	82.9417, -12.3782, 18.4632

Details

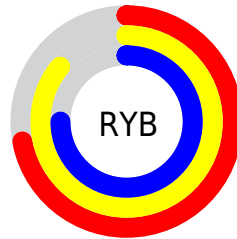
The Yxy color **68.7932, 0.3319, 0.3701** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5392, 0.2915, 0.2858**, and the grayscale version is **67.2078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **35.8181, 0.3361, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **67.3142, 0.3436, 0.3965**, and if you desaturate by 10%, it is **70.4385, 0.3201, 0.3445**.

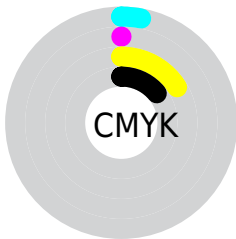
Distribution



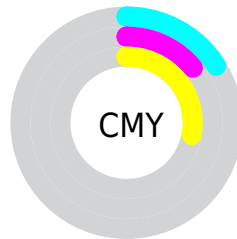
- Red (84%)
- Green (86%)
- Blue (72%)



- Red (72%)
- Yellow (86%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)





- Cyan (16%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7932, 0.3319, 0.3701 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 68.7932, 0.3319, 0.3701 by changing the saturation by 10% instead.

 68.7932, 0.3319,
0.3701

 68.7932, 0.3319,
0.3701


456.3013, 0.3231,
0.3506

 50.5433, 0.3339,
0.3747


 117.4862, 0.3289,
0.3632

 35.8453, 0.3363,
0.3804


148.6980, 0.3277,
0.3606

 24.3147, 0.3393,
0.3877


184.9993, 0.3267,
0.3583

 15.5673, 0.3432,
0.3975

226.7744, 0.3258,
0.3564

 9.2185, 0.3484,
0.4111

274.4078, 0.3250,
0.3546

 4.8839, 0.3554,
0.4312

328.2838, 0.3243,

 2.1793, 0.3659,

0.3531

0.4645

388.7868, 0.3237,
0.3518

0.7087, 0.3971,
0.6029

0.0000, 0.0000,
0.0000

68.7932, 0.3319,
0.3701

68.7932, 0.3319,
0.3701

67.3142, 0.3436,
0.3965

70.4385, 0.3201,
0.3445

65.9857, 0.3549,
0.4230

72.2474, 0.3085,
0.3203

64.8035, 0.3652,
0.4487


74.2288, 0.2975,
0.2978


63.7597, 0.3739,
0.4725


75.2423, 0.2973,
0.2932

 62.8455, 0.3806,
0.4933

 75.9573, 0.3002,
0.2935


 62.0511, 0.3849,
0.5102

 76.6896, 0.3031,
0.2938

 61.3650, 0.3865,
0.5225

 77.4395, 0.3060,
0.2941

 60.7729, 0.3857,
0.5303

 78.2070, 0.3089,
0.2944

 60.5707, 0.3850,
0.5325

 78.9923, 0.3118,
0.2947

Harmonies

Analogous

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



68.7932, 0.3504, 0.3658



68.7932, 0.3319, 0.3701



68.7932, 0.3088, 0.3624

Triad

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



68.7932, 0.3319, 0.3701



68.7932, 0.2687, 0.3037



68.7932, 0.3381, 0.3138

Complementary

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



68.7932, 0.3319, 0.3701



50.5392, 0.2915, 0.2858

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.



68.7932, 0.3154, 0.2986



68.7932, 0.3319, 0.3701



68.7932, 0.2758, 0.2924

Square

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



68.7932, 0.3319, 0.3701



68.7932, 0.2728, 0.3227



68.7932, 0.2926, 0.2908



68.7932, 0.3542, 0.3330

Rectangle

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



68.7932, 0.3319, 0.3701



68.7932, 0.2939, 0.3513



68.7932, 0.2926, 0.2908



68.7932, 0.3310, 0.3081

Sweetspot

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



68.7962, 0.3319, 0.3701



98.7399, 0.3186, 0.3413



55.7761, 0.3424, 0.3367



21.0975, 0.3194, 0.3431



0.0000, 0.0000, 0.0000



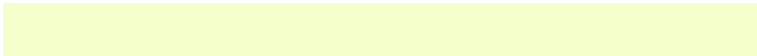
21.4041, 0.3127, 0.3290

Same Dimension

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



68.7962, 0.3319, 0.3701



95.3118, 0.3364, 0.3801



66.3051, 0.3189, 0.3718



15.1297, 0.3237, 0.3523



35.5964, 0.3856, 0.5320



2.3395, 0.3914, 0.5274

Inverse Universe

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



50.5392, 0.2915, 0.2858



64.6855, 0.2859, 0.2746



52.9601, 0.3054, 0.2876



12.7381, 0.3011, 0.3050



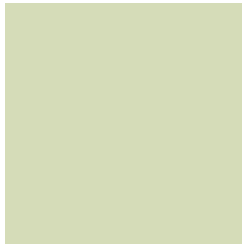
3.3664, 0.1596, 0.0653



0.2539, 0.1748, 0.0736

Previews

White Background



This preview shows how the Yxy color 68.7932, 0.3319, 0.3701 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 68.7932, 0.3319, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

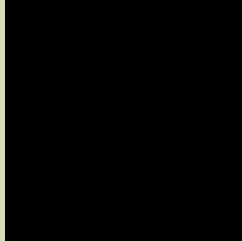
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

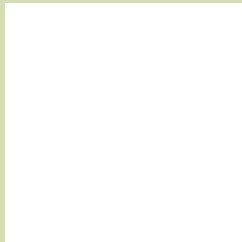
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.7932, 0.3319, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 68.7932, 0.3319, 0.3701.



This preview shows how white text looks on a background with the Yxy color 68.7932, 0.3319, 0.3701.

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

68.7932, 0.3319, 0.3701

Protanopia

68.9831, 0.3455, 0.3667

Deuteranopia

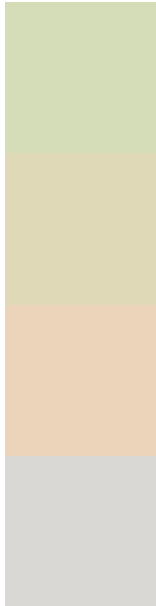
68.4311, 0.3593, 0.3524



Tritanopia

69.0219, 0.3063, 0.3116

Trichromacy



Original Color

68.7932, 0.3319, 0.3701

Protanomaly

68.7326, 0.3407, 0.3671

Deuteranomaly

68.2519, 0.3496, 0.3585

Tritanomaly

68.6675, 0.3155, 0.3323

Monochromacy



Original Color

68.7932, 0.3319, 0.3701

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.7197, 0.3201, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7932, 0.3319, 0.3701 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(213, 220, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 184)  
}
```

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(213, 220, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 184) }
```

Border

The CSS property to change the border of an element to Yxy 68.7932, 0.3319, 0.3701 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(213, 220, 184) }
```

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

```
.border{ border-color:rgb(213, 220, 184) }
```

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

Here you see how a box with a 4 pixel rgb(213, 220, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7932, 0.3319, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 184) }
```

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

```
.background{ background-color: rgb(213,  
220, 184) }
```

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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