

Converting Colors

$Yxy(60.3376, 0.3252, 0.3693)$

Have a look what the booklet for
Yxy(60.3376, 0.3252, 0.3693)
contains.

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Color

Yxy(60.3376, 0.3252, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	C3D1B0
RGB	195, 209, 176
RGB Percent	76%, 82%, 69%
CMY	0.2355, 0.1803, 0.3098
CMYK	0.07, 0.00, 0.16, 0.18
HSL	86°, 26%, 75%
HSV	86°, 16%, 82%
XYZ	53.1324, 60.3376, 49.9137
YIQ	201.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

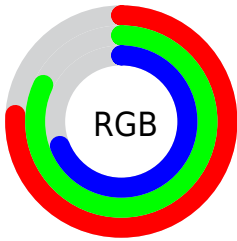
Format	Color
RYB	176, 209, 190
Decimal	12833200
CIELab	82.02, -10.62, 14.79
CIELCh	82, 18.209, 125.678
Yxy	60.3376, 0.3252, 0.3693
Android (android.graphics.Color)	4291023280 (0xFFC3D1B0)
YUV	201.0520, -12.3506, -5.3076
Hunter-Lab	77.6773, -13.8387, 16.2756

Details

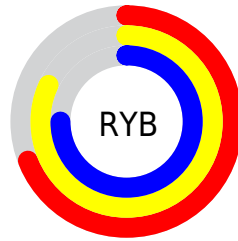
The Yxy color **60.3376, 0.3252, 0.3693** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.6051, 0.2986, 0.2883**, and the grayscale version is **58.5160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0416, 0.3243, 0.3514**, and **30.5355, 0.3282, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **58.4253, 0.3329, 0.3970**, and if you desaturate by 10%, it is **62.4532, 0.3173, 0.3432**.

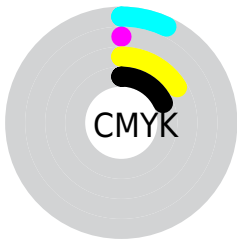
Distribution



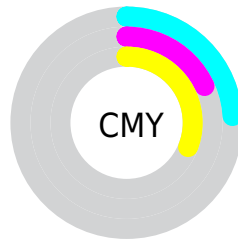
- Red (76%)
- Green (82%)
- Blue (69%)



- Red (69%)
- Yellow (82%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)




- Cyan (24%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3376, 0.3252, 0.3693 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 60.3376, 0.3252, 0.3693 by changing the saturation by 10% instead.


 60.3376, 0.3252,
0.3693

 60.3376, 0.3252,
0.3693


425.8410, 0.3194,
0.3496

 43.6908, 0.3265,
0.3741


 105.3192, 0.3232,
0.3623

 30.4275, 0.3281,
0.3801


134.4229, 0.3224,
0.3596

 20.1633, 0.3301,
0.3880


168.4476, 0.3218,
0.3573

 12.5138, 0.3327,
0.3987

207.7778, 0.3212,
0.3554

 7.0946, 0.3361,
0.4141

252.7978, 0.3207,
0.3537

 3.5213, 0.3405,
0.4380

303.8921, 0.3202,

 1.4096, 0.3578,

0.3522

0.4961

361.4450, 0.3198,
0.3508

0.2238, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.3376, 0.3252,
0.3693

60.3376, 0.3252,
0.3693

58.4253, 0.3329,
0.3970

62.4532, 0.3173,
0.3432

56.7014, 0.3401,
0.4258

64.7710, 0.3094,
0.3191

55.1611, 0.3463,
0.4547

67.2997, 0.3018,
0.2972

53.7961, 0.3510,
0.4827

69.7458, 0.2975,
0.2817

■ 52.5978, 0.3539,
0.5083

■ 71.2611, 0.3038,
0.2826

■ 51.5561, 0.3545,
0.5302

■ 72.8528, 0.3101,
0.2835

■ 50.6599, 0.3527,
0.5472

■ 74.0903, 0.3148,
0.2841

■ 49.8954, 0.3487,
0.5590

■ 49.6037, 0.3467,
0.5629

Harmonies

Analogous

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



60.3376, 0.3459, 0.3686



60.3376, 0.3252, 0.3693



60.3376, 0.3018, 0.3580

Triad

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



60.3376, 0.3252, 0.3693



60.3376, 0.2695, 0.2992



60.3376, 0.3442, 0.3192

Complementary

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



60.3376, 0.3252, 0.3693



46.6051, 0.2986, 0.2883

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.



60.3376, 0.3226, 0.3024



60.3376, 0.3252, 0.3693



60.3376, 0.2798, 0.2906

Square

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



60.3376, 0.3252, 0.3693



60.3376, 0.2702, 0.3163



60.3376, 0.2990, 0.2920



60.3376, 0.3572, 0.3390

Rectangle

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



60.3376, 0.3252, 0.3693



60.3376, 0.2877, 0.3453



60.3376, 0.2990, 0.2920



60.3376, 0.3376, 0.3131

Sweetspot

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



60.3402, 0.3252, 0.3693



98.1905, 0.3167, 0.3414



53.4116, 0.3397, 0.3457



20.9638, 0.3173, 0.3431



0.0000, 0.0000, 0.0000



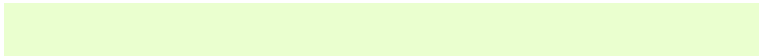
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3402, 0.3252, 0.3693



93.5576, 0.3279, 0.3786



58.2974, 0.3128, 0.3709



13.5365, 0.3201, 0.3524



30.6371, 0.3477, 0.5621



1.7593, 0.3605, 0.5519

Inverse Universe

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



46.6051, 0.2986, 0.2883



67.9886, 0.2951, 0.2787



48.8108, 0.3122, 0.2899



11.6602, 0.3048, 0.3054



4.2035, 0.1894, 0.0817



0.2814, 0.2104, 0.0933

Previews

White Background



This preview shows how the Yxy color 60.3376, 0.3252, 0.3693 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 60.3376, 0.3252, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

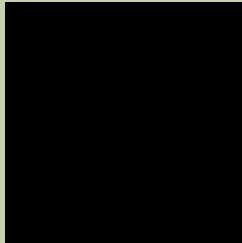
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

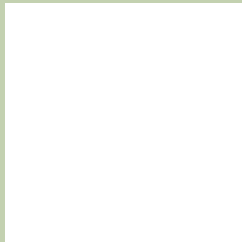
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3376, 0.3252, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 60.3376, 0.3252, 0.3693.

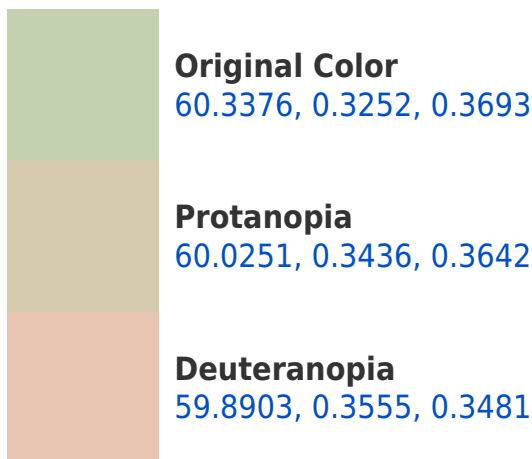


This preview shows how white text looks on a background with the Yxy color 60.3376, 0.3252, 0.3693.

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

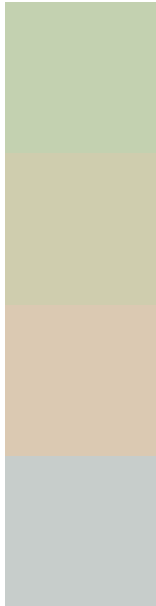




Tritanopia

60.2439, 0.3001, 0.3105

Trichromacy



Original Color

60.3376, 0.3252, 0.3693

Protanomaly

59.9840, 0.3368, 0.3660

Deuteranomaly

60.0477, 0.3443, 0.3557

Tritanomaly

60.1166, 0.3096, 0.3314

Monochromacy



Original Color

60.3376, 0.3252, 0.3693

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1336, 0.3174, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3376, 0.3252, 0.3693 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(195, 209, 176)` looks like.

```
.text, #text, p{  
    color:rgb(195, 209, 176)  
}
```

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(195, 209, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 209, 176) }
```

Border

The CSS property to change the border of an element to Yxy 60.3376, 0.3252, 0.3693 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(195, 209, 176) }
```

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

```
.border{ border-color:rgb(195, 209, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 209, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 209, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 209, 176);  
box-shadow:4px 4px 4px 4px rgb(195, 209,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3376, 0.3252, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 209, 176) }
```

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

```
.background{ background-color: rgb(195,  
209, 176) }
```

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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