

Converting Colors

Yxy(52.5148, 0.3300, 0.3628)

Have a look what the booklet for
Yxy(52.5148, 0.3300, 0.3628)
contains.

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Color

Yxy(52.4871, 0.3300, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	BFC2A8
RGB	191, 194, 168
RGB Percent	75%, 76%, 66%
CMY	0.2509, 0.2392, 0.3411
CMYK	0.02, 0.00, 0.13, 0.24
HSL	67°, 18%, 71%
HSV	67°, 13%, 76%
XYZ	47.8474, 52.4871, 44.6575
YIQ	190.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

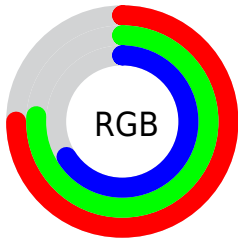
Format	Color
RYB	168, 194, 171
Decimal	12567208
CIELab	77.57, -5.57, 12.73
CIELCh	78, 13.900, 113.643
Yxy	52.4871, 0.3300, 0.3620
Android (android.graphics.Color)	4290757288 (0xFFBFC2A8)
YUV	190.1390, -10.9145, 0.7551
Hunter-Lab	72.4480, -8.8959, 14.1667

Details

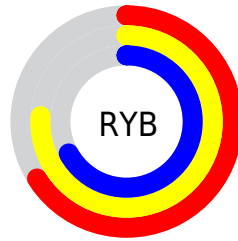
The Yxy color $52.4871, 0.3300, 0.3620$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.5609, 0.2941, 0.2943$, and the grayscale version is $51.6400, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.4731, 0.3269, 0.3559$, and $25.3355, 0.3341, 0.3704$ is the 20% darker color. If you saturate the color by 10%, you get $51.5319, 0.3431, 0.3876$, and if you desaturate by 10%, it is $53.5592, 0.3170, 0.3372$.

Distribution



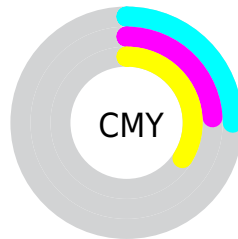
- Red (75%)
- Green (76%)
- Blue (66%)



- Red (66%)
- Yellow (76%)
- Blue (67%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4871, 0.3300, 0.3620 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 52.4871, 0.3300, 0.3620 by changing the saturation by 10% instead.

■ 52.4871, 0.3300,
0.3620

■ 52.4871, 0.3300,
0.3620

■ 396.3142, 0.3216,
0.3456

■ 37.3935, 0.3320,
0.3660

■ 93.8492, 0.3270,
0.3561

■ 25.5123, 0.3345,
0.3712

■ 120.8865, 0.3259,
0.3539

■ 16.4591, 0.3378,
0.3780

■ 152.6738, 0.3249,
0.3520

■ 9.8496, 0.3422,
0.3874

■ 189.5955, 0.3241,
0.3503

■ 5.2994, 0.3484,
0.4013

■ 232.0360, 0.3233,
0.3489

■ 2.4240, 0.3577,
0.4235

■ 280.3797, 0.3227,

■ 0.8382, 0.4343,

0.3477

0.5510

335.0110, 0.3221,
0.3466

0.0000, 0.0000,
0.0000

52.4871, 0.3300,
0.3620

52.4871, 0.3300,
0.3620

51.5319, 0.3431,
0.3876

53.5592, 0.3170,
0.3372

50.6819, 0.3559,
0.4132

54.7458, 0.3045,
0.3136

49.9343, 0.3679,
0.4380


56.0534, 0.2926,
0.2915

49.2835, 0.3785,
0.4611

57.4861, 0.2815,
0.2712

48.7234, 0.3873,
0.4813


58.3861, 0.2772,
0.2621


 48.2471, 0.3938,
0.4978


 58.7004, 0.2787,
0.2624


 47.8467, 0.3978,
0.5100

 59.0192, 0.2803,
0.2627

 47.5127, 0.3992,
0.5178

 59.3426, 0.2819,
0.2630

 47.3168, 0.3991,
0.5213

 59.6705, 0.2834,
0.2633

Harmonies

Analogous

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



52.4871, 0.3441, 0.3579



52.4871, 0.3300, 0.3620



52.4871, 0.3115, 0.3566

Triad

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



52.4871, 0.3300, 0.3620



52.4871, 0.2770, 0.3101



52.4871, 0.3315, 0.3153

Complementary

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



52.4871, 0.3300, 0.3620



40.5609, 0.2941, 0.2943

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.



52.4871, 0.3130, 0.3034



52.4871, 0.3300, 0.3620



52.4871, 0.2819, 0.3000

Square

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



52.4871, 0.3300, 0.3620



52.4871, 0.2813, 0.3258



52.4871, 0.2949, 0.2978



52.4871, 0.3451, 0.3308

Rectangle

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



52.4871, 0.3300, 0.3620



52.4871, 0.2993, 0.3483



52.4871, 0.2949, 0.2978



52.4871, 0.3256, 0.3108

Sweetspot

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



52.4894, 0.3300, 0.3620



96.8984, 0.3179, 0.3388



43.2743, 0.3365, 0.3324



21.1858, 0.3189, 0.3407



0.0000, 0.0000, 0.0000



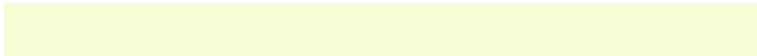
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4894, 0.3300, 0.3620



94.5798, 0.3337, 0.3693



50.9249, 0.3195, 0.3631



11.6976, 0.3247, 0.3519



31.1316, 0.3994, 0.5211



1.3621, 0.4041, 0.5173

Inverse Universe

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



40.5609, 0.2941, 0.2943



68.8801, 0.2897, 0.2862



42.0444, 0.3050, 0.2954



9.8023, 0.3001, 0.3053



2.6944, 0.1546, 0.0625



0.1353, 0.1691, 0.0705

Previews

White Background



This preview shows how the Yxy color 52.4871, 0.3300, 0.3620 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 52.4871, 0.3300, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

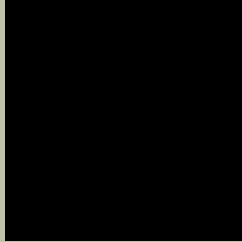
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

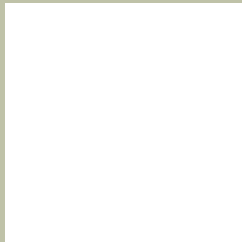
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4871, 0.3300, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 52.4871, 0.3300, 0.3620.



This preview shows how white text looks on a background with the Yxy color 52.4871, 0.3300, 0.3620.

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

52.4871, 0.3300, 0.3620

Protanopia

52.4323, 0.3406, 0.3601

Deuteranopia

52.5056, 0.3536, 0.3469



Tritanopia

52.4906, 0.3071, 0.3108

Trichromacy



Original Color

52.4871, 0.3300, 0.3620

Protanomaly

52.3596, 0.3362, 0.3604

Deuteranomaly

52.2409, 0.3449, 0.3522

Tritanomaly

52.4925, 0.3152, 0.3290

Monochromacy



Original Color

52.4871, 0.3300, 0.3620

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5862, 0.3187, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4871, 0.3300, 0.3620 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(191, 194, 168)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 168)  
}
```

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(191, 194, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 168) }
```

Border

The CSS property to change the border of an element to Yxy 52.4871, 0.3300, 0.3620 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(191, 194, 168) }
```

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

```
.border{ border-color:rgb(191, 194, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 168);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4871, 0.3300, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 168) }
```

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

```
.background{ background-color: rgb(191,  
194, 168) }
```

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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