

Converting Colors

$Yxy(52.7518, 0.3242, 0.3622)$

Have a look what the booklet for
Yxy(52.7518, 0.3242, 0.3622)
contains.

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Color

Yxy(52.8212, 0.3240, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	BAC4AA
RGB	186, 196, 170
RGB Percent	73%, 77%, 67%
CMY	0.2708, 0.2313, 0.3333
CMYK	0.05, 0.00, 0.13, 0.23
HSL	83°, 18%, 72%
HSV	83°, 13%, 77%
XYZ	47.2373, 52.8212, 45.7356
YIQ	190.0460, 2.3860, -10.2060

Conversions

Conversions Part 2

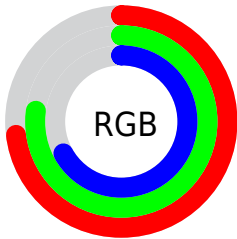
Format	Color
RYB	170, 196, 180
Decimal	12240042
CIELab	77.77, -8.13, 11.89
CIELCh	78, 14.400, 124.353
Yxy	52.8212, 0.3240, 0.3623
Android (android.graphics.Color)	4290430122 (0xFFBAC4AA)
YUV	190.0460, -9.8827, -3.5483
Hunter-Lab	72.6782, -11.1705, 13.5642

Details

The Yxy color $52.8212, 0.3240, 0.3623$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.4466, 0.3003, 0.2952$, and the grayscale version is $51.5749, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.5640, 0.3222, 0.3570$, and $25.6406, 0.3270, 0.3708$ is the 20% darker color. If you saturate the color by 10%, you get $51.2120, 0.3324, 0.3893$, and if you desaturate by 10%, it is $54.5959, 0.3155, 0.3369$.

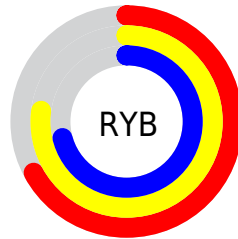
Distribution



Red (73%)

Green (77%)

Blue (67%)



Red (67%)

Yellow (77%)

Blue (71%)

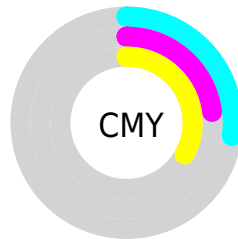


Cyan (5%)

Magenta (0%)

Yellow (13%)

Black (23%)



Cyan (27%)


Magenta (23%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8212, 0.3240, 0.3623 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 52.8212, 0.3240, 0.3623 by changing the saturation by 10% instead.


 52.8212, 0.3240,
0.3623

 52.8212, 0.3240,
0.3623


397.5988, 0.3186,
0.3457

 37.6601, 0.3253,
0.3664


 94.3412, 0.3221,
0.3563

 25.7190, 0.3269,
0.3717


121.4689, 0.3214,
0.3540

 16.6135, 0.3289,
0.3786

153.3542, 0.3207,
0.3521

 9.9593, 0.3316,
0.3883

190.3815, 0.3202,
0.3505

 5.3720, 0.3353,
0.4026

232.9352, 0.3197,
0.3491

 2.4671, 0.3406,
0.4258

281.3997, 0.3193,

 0.8601, 0.3907,

0.3478

0.5428

336.1594, 0.3189,
0.3467

0.0000, 0.0000,
0.0000

52.8212, 0.3240,
0.3623

52.8212, 0.3240,
0.3623

51.2120, 0.3324,
0.3893

54.5959, 0.3155,
0.3369

49.7559, 0.3404,
0.4174

56.5347, 0.3071,
0.3134

48.4490, 0.3476,
0.4458

58.6448, 0.2991,
0.2920

47.2850, 0.3534,
0.4734

60.9311, 0.2914,
0.2726

46.2566, 0.3574,
0.4990

62.5317, 0.2926,
0.2671

■ 45.3561, 0.3593,
0.5212

■ 63.7689, 0.2981,
0.2681

■ 44.5744, 0.3588,
0.5389

■ 65.0608, 0.3036,
0.2691

■ 43.9011, 0.3558,
0.5516

■ 66.4080, 0.3092,
0.2701

■ 43.4963, 0.3530,
0.5579

■ 67.8112, 0.3148,
0.2711

Harmonies

Analogous

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



52.8212, 0.3408, 0.3615



52.8212, 0.3240, 0.3623



52.8212, 0.3046, 0.3534

Triad

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



52.8212, 0.3240, 0.3623



52.8212, 0.2766, 0.3049



52.8212, 0.3380, 0.3203

Complementary

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



52.8212, 0.3240, 0.3623



42.4466, 0.3003, 0.2952

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.



52.8212, 0.3201, 0.3063



52.8212, 0.3240, 0.3623



52.8212, 0.2849, 0.2973

Square

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



52.8212, 0.3240, 0.3623



52.8212, 0.2776, 0.3194



52.8212, 0.3006, 0.2980



52.8212, 0.3491, 0.3367

Rectangle

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



52.8212, 0.3240, 0.3623



52.8212, 0.2928, 0.3432



52.8212, 0.3006, 0.2980



52.8212, 0.3326, 0.3152

Sweetspot

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



52.8235, 0.3240, 0.3623



98.6200, 0.3162, 0.3388



47.2722, 0.3350, 0.3417



21.0544, 0.3168, 0.3407



0.0000, 0.0000, 0.0000



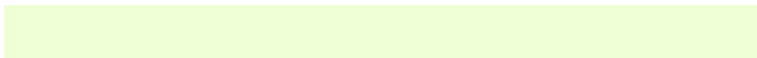
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8235, 0.3240, 0.3623



94.7749, 0.3265, 0.3702



51.2781, 0.3135, 0.3634



11.5576, 0.3207, 0.3522



27.9938, 0.3539, 0.5572



1.2483, 0.3686, 0.5456

Inverse Universe

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



42.4466, 0.3003, 0.2952



72.2336, 0.2972, 0.2871



44.0710, 0.3116, 0.2964



9.9336, 0.3042, 0.3056



3.5889, 0.1834, 0.0784



0.1948, 0.2096, 0.0928

Previews

White Background



This preview shows how the Yxy color 52.8212, 0.3240, 0.3623 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 52.8212, 0.3240, 0.3623 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

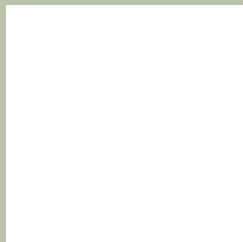
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8212, 0.3240, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 52.8212, 0.3240, 0.3623.



This preview shows how white text looks on a background with the Yxy color 52.8212, 0.3240, 0.3623.

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

52.8212, 0.3240, 0.3623

Protanopia

52.5063, 0.3390, 0.3576

Deuteranopia

52.5819, 0.3519, 0.3445



Tritanopia

52.7942, 0.3016, 0.3107

Trichromacy



Original Color

52.8212, 0.3240, 0.3623

Protanomaly

52.7403, 0.3336, 0.3591

Deuteranomaly

52.4573, 0.3413, 0.3511

Tritanomaly

52.8090, 0.3095, 0.3290

Monochromacy



Original Color

52.8212, 0.3240, 0.3623

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9370, 0.3171, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8212, 0.3240, 0.3623 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(186, 196, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 170)  
}
```

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(186, 196, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 170) }
```

Border

The CSS property to change the border of an element to Yxy 52.8212, 0.3240, 0.3623 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(186, 196, 170) }
```

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

```
.border{ border-color:rgb(186, 196, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 196, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 196, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 196, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 196,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8212, 0.3240, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 170) }
```

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

```
.background{ background-color: rgb(186,  
196, 170) }
```

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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