

Converting Colors

$Y_{xy}(52.0162, 0.3220, 0.3340)$

Have a look what the booklet for
Yxy(52.0162, 0.3220, 0.3340)
contains.

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Color

Yxy(52.2424, 0.3216, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	C5BEBA
RGB	197, 190, 186
RGB Percent	77%, 75%, 73%
CMY	0.2274, 0.2549, 0.2707
CMYK	0.00, 0.04, 0.06, 0.23
HSL	22°, 9%, 75%
HSV	22°, 6%, 77%
XYZ	50.3029, 52.2424, 53.8691
YIQ	191.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

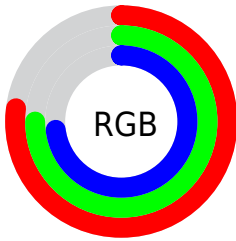
Format	Color
RYB	197, 192, 186
Decimal	12959418
CIELab	77.43, 1.74, 2.90
CIELCh	77, 3.381, 58.946
Yxy	52.2424, 0.3216, 0.3340
Android (android.graphics.Color)	4291149498 (0xFFC5BEBA)
YUV	191.6370, -2.7790, 4.7034
Hunter-Lab	72.2789, -2.2601, 6.4067

Details

The Yxy color **52.2424, 0.3216, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6003, 0.3042, 0.3239**, and the grayscale version is **52.5052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3932, 0.3203, 0.3329**, and **25.4244, 0.3236, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **46.2752, 0.3396, 0.3434**, and if you desaturate by 10%, it is **58.7948, 0.3063, 0.3252**.

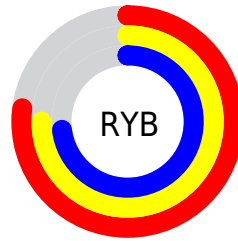
Distribution



Red (77%)

Green (75%)

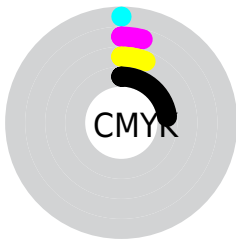
Blue (73%)



Red (77%)

Yellow (75%)

Blue (73%)

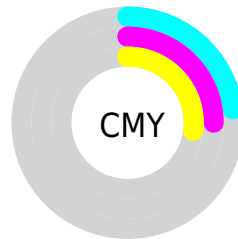


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2424, 0.3216, 0.3340 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 52.2424, 0.3216, 0.3340 by changing the saturation by 10% instead.

■ 52.2424, 0.3216,
0.3340

■ 52.2424, 0.3216,
0.3340

395.3717, 0.3172,
0.3316

■ 37.1983, 0.3227,
0.3346

■ 93.4886, 0.3200,
0.3331

■ 25.3611, 0.3240,
0.3353

120.4596, 0.3194,
0.3328

■ 16.3463, 0.3258,
0.3363

152.1749, 0.3189,
0.3325

■ 9.7695, 0.3283,
0.3377

189.0191, 0.3185,
0.3323

■ 5.2464, 0.3319,
0.3396

231.3765, 0.3181,
0.3321

■ 2.3926, 0.3377,
0.3427

279.6314, 0.3178,

■ 0.8221, 0.3523,

0.3319

0.3515

334.1684, 0.3175,
0.3317

0.0000, 0.0000,
0.0000

52.2424, 0.3216,
0.3340

52.2424, 0.3216,
0.3340

46.2752, 0.3396,
0.3434

58.7948, 0.3063,
0.3252

40.8701, 0.3605,
0.3532

65.9412, 0.2933,
0.3171

36.0123, 0.3849,
0.3632

73.6989, 0.2821,
0.3097

31.6836, 0.4127,
0.3729

81.4367, 0.2777,
0.3130

27.8651, 0.4437,
0.3814

89.0594, 0.2787,
0.3263

■ 24.5363, 0.4769,
0.3876

■ 90.6127, 0.2789,
0.3289

■ 21.6754, 0.5107,
0.3904

■ 19.2583, 0.5425,
0.3885

■ 17.2581, 0.5694,
0.3815

Harmonies

Analogous

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



52.2424, 0.3209, 0.3303



52.2424, 0.3216, 0.3340



52.2424, 0.3199, 0.3364

Triad

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



52.2424, 0.3216, 0.3340



52.2424, 0.3074, 0.3318



52.2424, 0.3092, 0.3213

Complementary

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



52.2424, 0.3216, 0.3340



52.6003, 0.3042, 0.3239

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.



52.2424, 0.3056, 0.3217



52.2424, 0.3216, 0.3340



52.2424, 0.3046, 0.3277

Square

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



52.2424, 0.3216, 0.3340



52.2424, 0.3117, 0.3351



52.2424, 0.3039, 0.3240



52.2424, 0.3137, 0.3230

Rectangle

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



52.2424, 0.3216, 0.3340



52.2424, 0.3176, 0.3369



52.2424, 0.3039, 0.3240



52.2424, 0.3078, 0.3212

Sweetspot

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



52.2447, 0.3216, 0.3340



97.6272, 0.3158, 0.3308



50.8346, 0.3164, 0.3202



20.9212, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



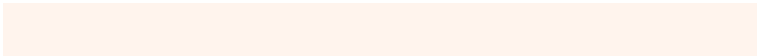
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2447, 0.3216, 0.3340



91.8839, 0.3241, 0.3354



54.6085, 0.3211, 0.3405



11.5184, 0.3248, 0.3357



10.9953, 0.5777, 0.3795



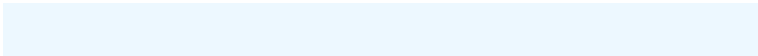
0.6584, 0.5379, 0.4111

Inverse Universe

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



52.6003, 0.3042, 0.3239



92.6830, 0.3019, 0.3225



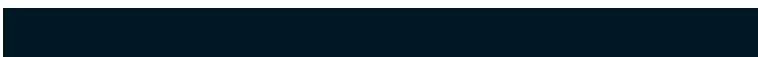
50.2744, 0.3043, 0.3172



11.6245, 0.3012, 0.3222



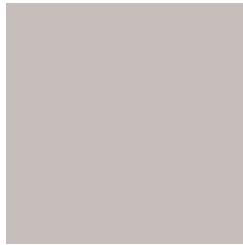
12.4762, 0.1906, 0.2060



0.7252, 0.1985, 0.2346

Previews

White Background



This preview shows how the Yxy color 52.2424, 0.3216, 0.3340 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 52.2424, 0.3216, 0.3340 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

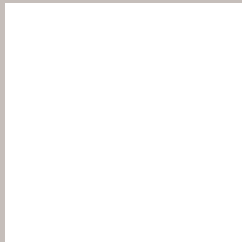
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2424, 0.3216, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 52.2424, 0.3216, 0.3340.

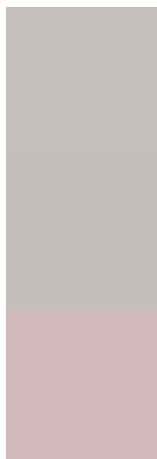


This preview shows how white text looks on a background with the Yxy color 52.2424, 0.3216, 0.3340.

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

52.2424, 0.3216, 0.3340

Protanopia

52.1078, 0.3207, 0.3340

Deuteranopia

52.1347, 0.3332, 0.3267



Tritanopia

52.3728, 0.3111, 0.3121

Trichromacy



Original Color

52.2424, 0.3216, 0.3340

Protanomaly

52.1078, 0.3207, 0.3340

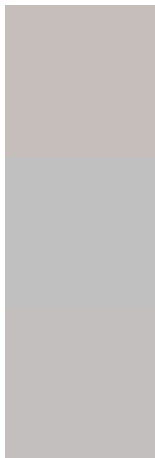
Deuteranomaly

52.2503, 0.3287, 0.3290

Tritanomaly

52.3865, 0.3148, 0.3205

Monochromacy



Original Color

52.2424, 0.3216, 0.3340

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4486, 0.3159, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2424, 0.3216, 0.3340 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(197, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 186)  
}
```

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(197, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.2424, 0.3216, 0.3340 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(197, 190, 186) }
```

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

```
.border{ border-color:rgb(197, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2424, 0.3216, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 186) }
```

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

```
.background{ background-color: rgb(197,  
190, 186) }
```

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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