

Converting Colors

Yxy(52.3281, 0.3200, 0.3315)

Have a look what the booklet for
Yxy(52.3281, 0.3200, 0.3315)
contains.

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Color

Yxy(52.3281, 0.3200, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	C5BEBC
RGB	197, 190, 188
RGB Percent	77%, 75%, 74%
CMY	0.2275, 0.2549, 0.2628
CMYK	0.00, 0.04, 0.05, 0.23
HSL	13°, 7%, 75%
HSV	13°, 5%, 77%
XYZ	50.5128, 52.3281, 55.0116
YIQ	191.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

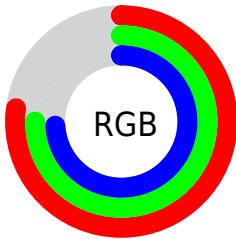
Format	Color
RYB	197, 191, 188
Decimal	12959420
CIELab	77.48, 2.09, 1.87
CIELCh	77, 2.804, 41.940
Yxy	52.3281, 0.3200, 0.3315
Android (android.graphics.Color)	4291149500 (0xFFC5BEB3)
YUV	191.8650, -1.9054, 4.5034
Hunter-Lab	72.3382, -1.9476, 5.5480

Details

The Yxy color **52.3281, 0.3200, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7378, 0.3057, 0.3265**, and the grayscale version is **52.6385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5140, 0.3191, 0.3310**, and **25.4802, 0.3215, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **45.2607, 0.3383, 0.3373**, and if you desaturate by 10%, it is **60.2102, 0.3048, 0.3261**.

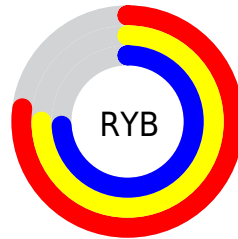
Distribution



Red (77%)

Green (75%)

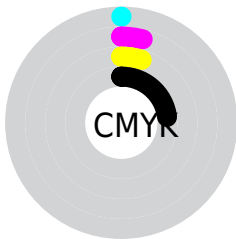
Blue (74%)



Red (77%)

Yellow (75%)

Blue (74%)

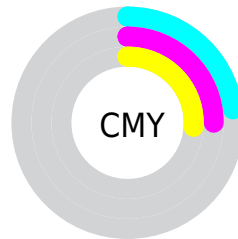


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3281, 0.3200, 0.3315 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 52.3281, 0.3200, 0.3315 by changing the saturation by 10% instead.

■ 52.3281, 0.3200,
0.3315

■ 52.3281, 0.3200,
0.3315

395.7020, 0.3164,
0.3303

■ 37.2667, 0.3209,
0.3318

■ 93.6149, 0.3187,
0.3311

■ 25.4140, 0.3220,
0.3322

120.6091, 0.3182,
0.3309

■ 16.3858, 0.3235,
0.3326

152.3497, 0.3178,
0.3308

■ 9.7976, 0.3255,
0.3333

189.2210, 0.3175,
0.3306

■ 5.2649, 0.3284,
0.3343

231.6075, 0.3172,
0.3305

■ 2.4035, 0.3332,
0.3357

279.8936, 0.3169,

■ 0.8277, 0.3439,

0.3304

334.4636, 0.3166,
0.3304

0.3398

0.0000, 0.0000,
0.0000

52.3281, 0.3200,
0.3315

52.3281, 0.3200,
0.3315

45.2607, 0.3383,
0.3373

60.2102, 0.3048,
0.3261

38.9752, 0.3603,
0.3434

68.9249, 0.2921,
0.3212

33.4466, 0.3865,
0.3496

78.4983, 0.2816,
0.3168

28.6459, 0.4174,
0.3556

88.1702, 0.2786,
0.3248

24.5422, 0.4530,
0.3607

90.6082, 0.2789,
0.3289

■ 21.1026, 0.4921,
0.3641

■ 18.2911, 0.5324,
0.3648

■ 16.0683, 0.5701,
0.3619

■ 14.3898, 0.6004,
0.3551

Harmonies

Analogous

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



52.3281, 0.3183, 0.3282



52.3281, 0.3200, 0.3315



52.3281, 0.3197, 0.3342

Triad

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



52.3281, 0.3200, 0.3315



52.3281, 0.3103, 0.3330



52.3281, 0.3079, 0.3226

Complementary

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



52.3281, 0.3200, 0.3315



53.7378, 0.3057, 0.3265

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.



52.3281, 0.3058, 0.3238



52.3281, 0.3200, 0.3315



52.3281, 0.3071, 0.3298

Square

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



52.3281, 0.3200, 0.3315



52.3281, 0.3141, 0.3351



52.3281, 0.3055, 0.3265



52.3281, 0.3114, 0.3231

Rectangle

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



52.3281, 0.3200, 0.3315



52.3281, 0.3184, 0.3353



52.3281, 0.3055, 0.3265



52.3281, 0.3070, 0.3228

Sweetspot

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



52.3304, 0.3200, 0.3315



98.5811, 0.3143, 0.3296



51.7745, 0.3147, 0.3204



21.1154, 0.3142, 0.3295



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.



52.3304, 0.3200, 0.3315



93.0562, 0.3209, 0.3318



54.2775, 0.3196, 0.3369



11.6291, 0.3218, 0.3321



9.1052, 0.6116, 0.3526



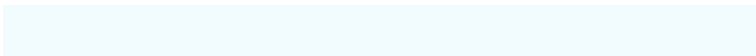
0.5434, 0.5702, 0.3854

Inverse Universe

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



53.7378, 0.3057, 0.3265



95.8513, 0.3050, 0.3262



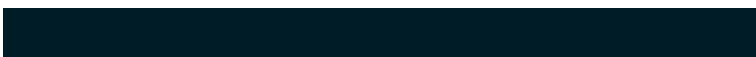
51.7836, 0.3059, 0.3210



12.0183, 0.3041, 0.3259



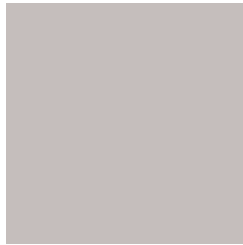
17.7306, 0.2044, 0.2558



0.9417, 0.2091, 0.2728

Previews

White Background



This preview shows how the Yxy color 52.3281, 0.3200, 0.3315 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 52.3281, 0.3200, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

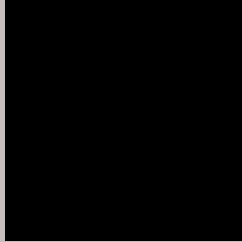
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

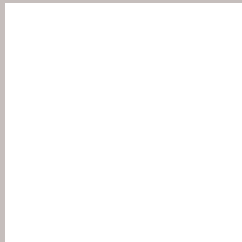
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3281, 0.3200, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 52.3281, 0.3200, 0.3315.



This preview shows how white text looks on a background with the Yxy color 52.3281, 0.3200, 0.3315.

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

52.3281, 0.3200, 0.3315

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

52.2209, 0.3316, 0.3243



Tritanopia

52.4204, 0.3103, 0.3109

Trichromacy



Original Color

52.3281, 0.3200, 0.3315

Protanomaly

52.1935, 0.3192, 0.3315

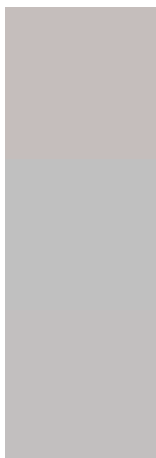
Deuteranomaly

52.3366, 0.3271, 0.3266

Tritanomaly

52.4782, 0.3132, 0.3181

Monochromacy



Original Color

52.3281, 0.3200, 0.3315

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4925, 0.3152, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3281, 0.3200, 0.3315 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.3281, 0.3200, 0.3315 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, 188) }
```

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

```
.border{ border-color:rgb(197, 190, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 190, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 190, 188); box-shadow:4px 4px 4px 4px rgb(197, 190, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3281, 0.3200, 0.3315 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, 188) }
```

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

```
.background{ background-color: rgb(197,  
190, 188) }
```

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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