

Converting Colors

$Yxy(52.6102, 0.3207, 0.3304)$

Have a look what the booklet for
Yxy(52.6102, 0.3207, 0.3304)
contains.

Yxy(52.6431, 0.3209, 0.3302)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.6431, 0.3209, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	C7BEBD
RGB	199, 190, 189
RGB Percent	78%, 75%, 74%
CMY	0.2195, 0.2549, 0.2587
CMYK	0.00, 0.05, 0.05, 0.22
HSL	6°, 8%, 76%
HSV	6°, 5%, 78%
XYZ	51.1604, 52.6431, 55.6244
YIQ	192.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

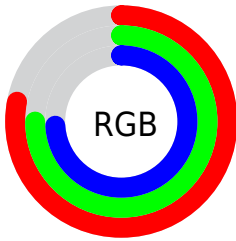
Format	Color
R _Y B	199, 190, 189
Decimal	13090493
CIE Lab	77.66, 3.00, 1.61
CIE LCh	78, 3.406, 28.166
Yxy	52.6431, 0.3209, 0.3302
Android (android.graphics.Color)	4291280573 (0xFFC7BEBD)
YUV	192.5770, -1.7635, 5.6330
Hunter-Lab	72.5556, -1.1082, 5.3345

Details

The Yxy color `52.6431, 0.3209, 0.3302` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `55.3671, 0.3050, 0.3278`, and the grayscale version is `53.0796, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.7641, 0.3191, 0.3300`, and `25.6886, 0.3227, 0.3307` is the 20% darker color. If you saturate the color by 10%, you get `44.5230, 0.3400, 0.3327`, and if you desaturate by 10%, it is `61.8479, 0.3054, 0.3279`.

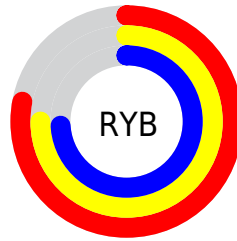
Distribution



Red (78%)

Green (75%)

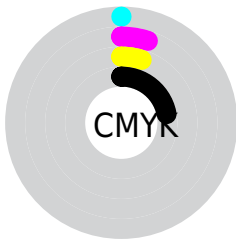
Blue (74%)



Red (78%)

Yellow (75%)

Blue (74%)

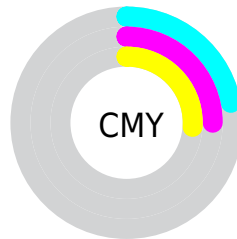


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6431, 0.3209, 0.3302 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 52.6431, 0.3209, 0.3302 by changing the saturation by 10% instead.

■ 52.6431, 0.3209,
0.3302

■ 52.6431, 0.3209,
0.3302

■ 396.9143, 0.3169,
0.3296

■ 37.5179, 0.3219,
0.3303

■ 94.0790, 0.3195,
0.3300

■ 25.6088, 0.3231,
0.3305

■ 121.1585, 0.3189,
0.3299

■ 16.5312, 0.3248,
0.3307

■ 152.9916, 0.3184,
0.3299

■ 9.9008, 0.3270,
0.3310

■ 189.9626, 0.3180,
0.3298

■ 5.3332, 0.3303,
0.3314

■ 232.4560, 0.3177,
0.3298

■ 2.4441, 0.3356,
0.3321

■ 280.8562, 0.3174,

■ 0.8484, 0.3466,

0.3297

0.3340

335.5475, 0.3171,
0.3297

0.0000, 0.0000,
0.0000

52.6431, 0.3209,
0.3302

52.6431, 0.3209,
0.3302

44.5230, 0.3400,
0.3327

61.8479, 0.3054,
0.3279

37.4411, 0.3634,
0.3354

72.1681, 0.2928,
0.3257

31.3576, 0.3920,
0.3382

83.6419, 0.2824,
0.3238

26.2274, 0.4265,
0.3407

90.8865, 0.2800,
0.3289

22.0023, 0.4666,
0.3428

■ 18.6295, 0.5109,
0.3439

■ 16.0509, 0.5557,
0.3435

■ 14.2011, 0.5952,
0.3412

■ 13.0041, 0.6232,
0.3372

Harmonies

Analogous

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



52.6431, 0.3179, 0.3262



52.6431, 0.3209, 0.3302



52.6431, 0.3217, 0.3339

Triad

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



52.6431, 0.3209, 0.3302



52.6431, 0.3118, 0.3352



52.6431, 0.3055, 0.3217

Complementary

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



52.6431, 0.3209, 0.3302



55.3671, 0.3050, 0.3278

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.



52.6431, 0.3039, 0.3240



52.6431, 0.3209, 0.3302



52.6431, 0.3075, 0.3319

Square

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



52.6431, 0.3209, 0.3302



52.6431, 0.3164, 0.3369



52.6431, 0.3046, 0.3278



52.6431, 0.3090, 0.3213

Rectangle

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



52.6431, 0.3209, 0.3302



52.6431, 0.3208, 0.3358



52.6431, 0.3046, 0.3278



52.6431, 0.3047, 0.3222

Sweetspot

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



52.6454, 0.3209, 0.3302



96.7704, 0.3159, 0.3295



52.6405, 0.3139, 0.3179



20.7467, 0.3158, 0.3295



0.0000, 0.0000, 0.0000



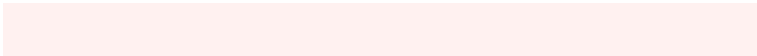
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6454, 0.3209, 0.3302



90.5468, 0.3227, 0.3305



54.7912, 0.3204, 0.3361



11.3160, 0.3236, 0.3306



8.1699, 0.6316, 0.3367



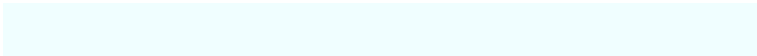
0.4443, 0.6061, 0.3570

Inverse Universe

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



55.3671, 0.3050, 0.3278



96.2763, 0.3034, 0.3275



53.1745, 0.3051, 0.3218



12.0920, 0.3026, 0.3274



23.6695, 0.2163, 0.2988



1.1727, 0.2182, 0.3056

Previews

White Background



This preview shows how the Yxy color 52.6431, 0.3209, 0.3302 looks on a white background.

Color Contrast Check

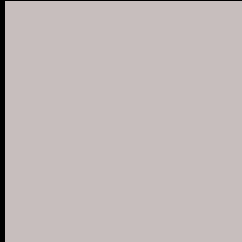
Large Text (above 18pt) WCAG AA × Fail

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 52.6431, 0.3209, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

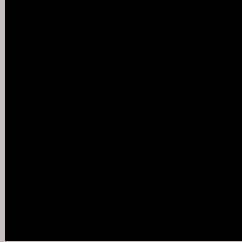
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

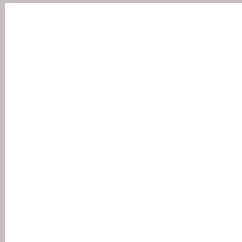
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6431, 0.3209, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 52.6431, 0.3209, 0.3302.

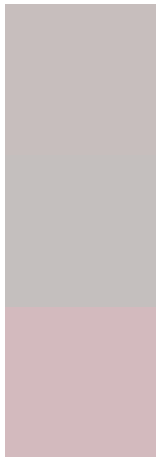


This preview shows how white text looks on a background with the Yxy color 52.6431, 0.3209, 0.3302.

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

52.6431, 0.3209, 0.3302

Protanopia

52.7151, 0.3176, 0.3302

Deuteranopia

52.6844, 0.3307, 0.3243



Tritanopia

52.6957, 0.3119, 0.3110

Trichromacy



Original Color

52.6431, 0.3209, 0.3302

Protanomaly

52.8496, 0.3184, 0.3302

Deuteranomaly

52.5238, 0.3271, 0.3254

Tritanomaly

52.7518, 0.3149, 0.3181

Monochromacy



Original Color

52.6431, 0.3209, 0.3302

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1071, 0.3151, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6431, 0.3209, 0.3302 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(199, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 189)  
}
```

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(199, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.6431, 0.3209, 0.3302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

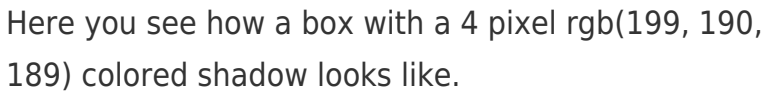
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 190, 189) }
```

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

```
.border{ border-color:rgb(199, 190, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 190, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 190, 189); box-shadow:4px 4px 4px 4px rgb(199, 190, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6431, 0.3209, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 189) }
```

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

```
.background{ background-color: rgb(199,  
190, 189) }
```

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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