

Converting Colors

$Y_{xy}(52.7358, 0.3205, 0.3236)$

Have a look what the booklet for
Yxy(52.7358, 0.3205, 0.3236)
contains.

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Color

Yxy(52.8020, 0.3204, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	CABDC1
RGB	202, 189, 193
RGB Percent	79%, 74%, 76%
CMY	0.2078, 0.2588, 0.2432
CMYK	0.00, 0.06, 0.04, 0.21
HSL	342°, 11%, 77%
HSV	342°, 6%, 79%
XYZ	52.1831, 52.8020, 57.8835
YIQ	193.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

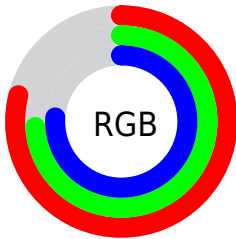
Format	Color
RYB	202, 189, 193
Decimal	13286849
CIELab	77.76, 5.29, -0.37
CIELCh	78, 5.302, 356.044
Yxy	52.8020, 0.3204, 0.3242
Android (android.graphics.Color)	4291476929 (0xFFCABDC1)
YUV	193.3430, -0.1691, 7.5922
Hunter-Lab	72.6650, 1.0230, 3.6362

Details

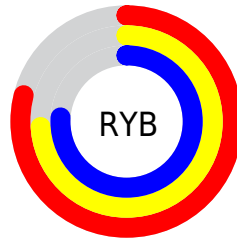
The Yxy color `52.8020, 0.3204, 0.3242` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.1493, 0.3056, 0.3339`, and the grayscale version is `53.5411, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.4044, 0.3168, 0.3252`, and `25.7977, 0.3220, 0.3225` is the 20% darker color. If you saturate the color by 10%, you get `44.1135, 0.3345, 0.3164`, and if you desaturate by 10%, it is `62.7650, 0.3089, 0.3315`.

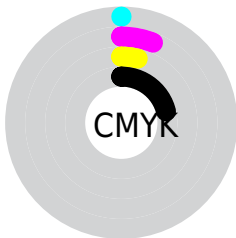
Distribution



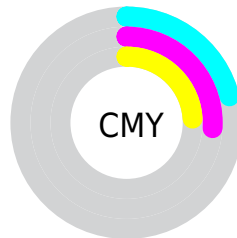
- Red (79%)
- Green (74%)
- Blue (76%)



- Red (79%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (21%)





- Cyan (21%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8020, 0.3204, 0.3242 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 52.8020, 0.3204, 0.3242 by changing the saturation by 10% instead.


 52.8020, 0.3204,
0.3242

 52.8020, 0.3204,
0.3242


397.5250, 0.3166,
0.3266

 37.6447, 0.3213,
0.3236


 94.3130, 0.3191,
0.3250

 25.7071, 0.3225,
0.3229


121.4354, 0.3185,
0.3254

 16.6046, 0.3240,
0.3219


153.3151, 0.3181,
0.3256

 9.9530, 0.3261,
0.3206

190.3363, 0.3177,
0.3259

 5.3678, 0.3292,
0.3187

232.8835, 0.3174,
0.3261

 2.4646, 0.3340,
0.3157

281.3411, 0.3171,

 0.8589, 0.3430,

0.3263

0.3101

336.0935, 0.3169,
0.3264

0.0000, 0.0000,
0.0000

52.8020, 0.3204,
0.3242

52.8020, 0.3204,
0.3242

44.1135, 0.3345,
0.3164

62.7650, 0.3089,
0.3315

36.6412, 0.3518,
0.3081

74.0441, 0.2995,
0.3383

30.3325, 0.3728,
0.2999

86.6875, 0.2918,
0.3445

25.1284, 0.3980,
0.2920

90.9235, 0.2847,
0.3351

20.9643, 0.4276,
0.2853

91.2997, 0.2816,
0.3289

■ 17.7692, 0.4611,
0.2809

■ 15.4630, 0.4970,
0.2799

■ 13.9525, 0.5328,
0.2833

■ 13.1183, 0.5651,
0.2913

Harmonies

Analogous

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



52.8020, 0.3135, 0.3193



52.8020, 0.3204, 0.3242



52.8020, 0.3252, 0.3304

Triad

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



52.8020, 0.3204, 0.3242



52.8020, 0.3189, 0.3414



52.8020, 0.2990, 0.3216

Complementary

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



52.8020, 0.3204, 0.3242



57.1493, 0.3056, 0.3339

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.



52.8020, 0.3004, 0.3275



52.8020, 0.3204, 0.3242



52.8020, 0.3118, 0.3390

Square

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



52.8020, 0.3204, 0.3242



52.8020, 0.3243, 0.3403



52.8020, 0.3050, 0.3339



52.8020, 0.3012, 0.3177

Rectangle

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



52.8020, 0.3204, 0.3242



52.8020, 0.3266, 0.3344



52.8020, 0.3050, 0.3339



52.8020, 0.2990, 0.3234

Sweetspot

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



52.8043, 0.3204, 0.3242



96.5632, 0.3150, 0.3275



52.6524, 0.3101, 0.3133



20.7045, 0.3149, 0.3276



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.



52.8043, 0.3204, 0.3242



86.7893, 0.3226, 0.3229



53.6645, 0.3233, 0.3319



11.2692, 0.3243, 0.3219



8.3165, 0.5721, 0.2925



0.4427, 0.5156, 0.2614

Inverse Universe

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



52.8043, 0.3204, 0.3242



86.7893, 0.3226, 0.3229



56.2238, 0.3028, 0.3261



11.2692, 0.3243, 0.3219



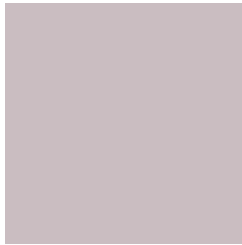
8.3165, 0.5721, 0.2925



0.4427, 0.5156, 0.2614

Previews

White Background



This preview shows how the Yxy color 52.8020, 0.3204, 0.3242 looks on a white background.

Color Contrast Check

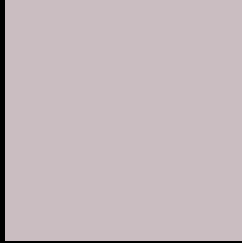
Large Text (above 18pt) WCAG AA × Fail

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 52.8020, 0.3204, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

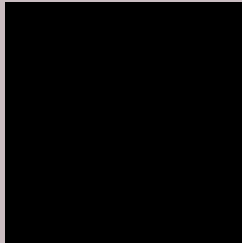
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

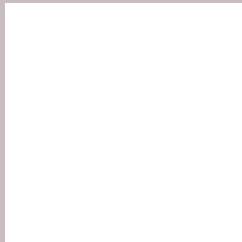
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8020, 0.3204, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 52.8020, 0.3204, 0.3242.



This preview shows how white text looks on a background with the Yxy color 52.8020, 0.3204, 0.3242.

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

52.8020, 0.3204, 0.3242

Protanopia

52.7587, 0.3137, 0.3253

Deuteranopia

52.7145, 0.3266, 0.3196



Tritanopia

52.9272, 0.3143, 0.3123

Trichromacy



Original Color

52.8020, 0.3204, 0.3242

Protanomaly

52.7277, 0.3162, 0.3241

Deuteranomaly

52.7011, 0.3240, 0.3207

Tritanomaly

52.7865, 0.3166, 0.3158

Monochromacy



Original Color

52.8020, 0.3204, 0.3242

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2853, 0.3152, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8020, 0.3204, 0.3242 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(202, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 189, 193)  
}
```

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(202, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 189, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.8020, 0.3204, 0.3242 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(202, 189, 193) }
```

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

```
.border{ border-color:rgb(202, 189, 193) }
```

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

Here you see how a box with a 4 pixel rgb(202, 189, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 189,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8020, 0.3204, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 189, 193) }
```

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

```
.background{ background-color: rgb(202,  
189, 193) }
```

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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