

Converting Colors

$Yxy(51.9904, 0.3253, 0.3293)$

Have a look what the booklet for
Yxy(51.9904, 0.3253, 0.3293)
contains.

Yxy(52.1109, 0.3252, 0.3303)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.1109, 0.3252, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	CABCBB
RGB	202, 188, 187
RGB Percent	79%, 74%, 73%
CMY	0.2079, 0.2627, 0.2668
CMYK	0.00, 0.07, 0.07, 0.21
HSL	4°, 12%, 76%
HSV	4°, 7%, 79%
XYZ	51.3063, 52.1109, 54.3512
YIQ	192.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

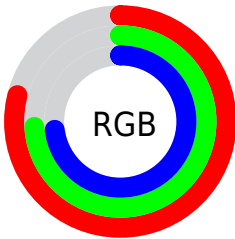
Format	Color
R _Y B	202, 188, 187
Decimal	13286587
CIE Lab	77.35, 4.75, 2.29
CIE LCh	77, 5.277, 25.730
Yxy	52.1109, 0.3252, 0.3303
Android (android.graphics.Color)	4291476667 (0xFFCABCBB)
YUV	192.0720, -2.5005, 8.7069
Hunter-Lab	72.1879, 0.5370, 5.8913

Details

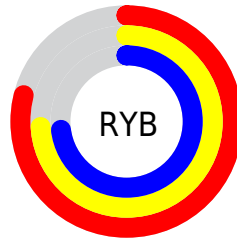
The Yxy color **52.1109, 0.3252, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5784, 0.3013, 0.3277**, and the grayscale version is **52.7676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4324, 0.3205, 0.3300**, and **25.3451, 0.3285, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **43.7903, 0.3454, 0.3322**, and if you desaturate by 10%, it is **61.6045, 0.3089, 0.3286**.

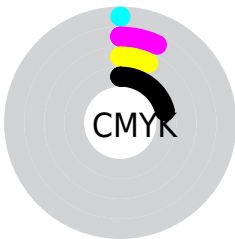
Distribution



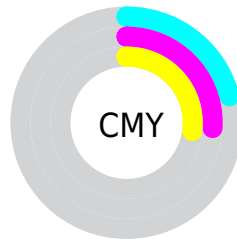
- Red (79%)
- Green (74%)
- Blue (73%)



- Red (79%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (21%)





- Cyan (21%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1109, 0.3252, 0.3303 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 52.1109, 0.3252, 0.3303 by changing the saturation by 10% instead.


 52.1109, 0.3252,
0.3303

 52.1109, 0.3252,
0.3303

394.8646, 0.3191,
0.3297

 37.0935, 0.3267,
0.3304


 93.2948, 0.3230,
0.3301

 25.2799, 0.3286,
0.3306


120.2300, 0.3222,
0.3300

 16.2857, 0.3312,
0.3308


151.9067, 0.3214,
0.3299

 9.7265, 0.3346,
0.3311

188.7091, 0.3208,
0.3299

 5.2180, 0.3397,
0.3315

231.0217, 0.3203,
0.3298

 2.3757, 0.3480,
0.3320

279.2289, 0.3198,

 0.8134, 0.3664,

0.3298

0.3349

333.7151, 0.3194,
0.3297

0.0000, 0.0000,
0.0000

52.1109, 0.3252,
0.3303

52.1109, 0.3252,
0.3303

43.7903, 0.3454,
0.3322

61.6045, 0.3089,
0.3286

36.5907, 0.3704,
0.3342

72.3068, 0.2956,
0.3270

30.4661, 0.4010,
0.3361

84.2609, 0.2848,
0.3256

25.3650, 0.4376,
0.3379

91.2959, 0.2816,
0.3289

21.2315, 0.4800,
0.3393

■ 18.0045, 0.5258,
0.3398

■ 15.6158, 0.5704,
0.3390

■ 13.9874, 0.6074,
0.3369

■ 13.0256, 0.6310,
0.3340

Harmonies

Analogous

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



52.1109, 0.3203, 0.3241



52.1109, 0.3252, 0.3303



52.1109, 0.3267, 0.3362

Triad

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



52.1109, 0.3252, 0.3303



52.1109, 0.3119, 0.3390



52.1109, 0.3012, 0.3178

Complementary

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



52.1109, 0.3252, 0.3303



56.5784, 0.3013, 0.3277

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.



52.1109, 0.2990, 0.3216



52.1109, 0.3252, 0.3303



52.1109, 0.3051, 0.3339

Square

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



52.1109, 0.3252, 0.3303



52.1109, 0.3189, 0.3414



52.1109, 0.3004, 0.3275



52.1109, 0.3064, 0.3170

Rectangle

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



52.1109, 0.3252, 0.3303



52.1109, 0.3255, 0.3392



52.1109, 0.3004, 0.3275



52.1109, 0.3000, 0.3188

Sweetspot

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



52.1132, 0.3252, 0.3303



96.6841, 0.3159, 0.3293



52.3012, 0.3143, 0.3122



20.7291, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



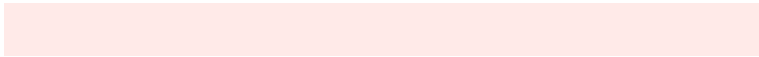
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1132, 0.3252, 0.3303



85.7278, 0.3283, 0.3306



55.3904, 0.3244, 0.3393



11.3361, 0.3288, 0.3307



8.3300, 0.6344, 0.3345



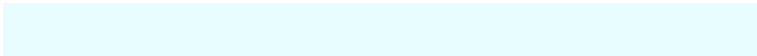
0.4742, 0.6161, 0.3490

Inverse Universe

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



56.5784, 0.3013, 0.3277



94.8962, 0.2988, 0.3274



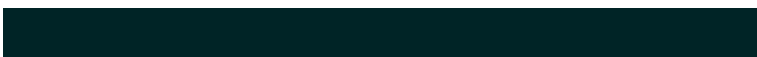
53.1785, 0.3014, 0.3185



12.5891, 0.2984, 0.3273



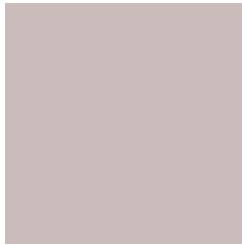
25.9523, 0.2187, 0.3075



1.3796, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 52.1109, 0.3252, 0.3303 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 52.1109, 0.3252, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

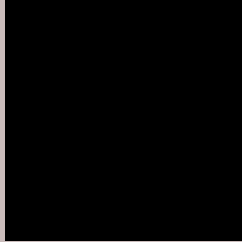
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

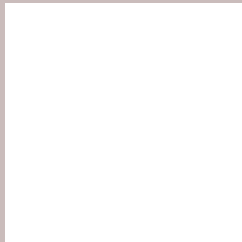
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1109, 0.3252, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 52.1109, 0.3252, 0.3303.



This preview shows how white text looks on a background with the Yxy color 52.1109, 0.3252, 0.3303.

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

52.1109, 0.3252, 0.3303

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

52.1776, 0.3324, 0.3255



Tritanopia

52.1722, 0.3160, 0.3111

Trichromacy



Original Color

52.1109, 0.3252, 0.3303

Protanomaly

52.0318, 0.3209, 0.3303

Deuteranomaly

52.1585, 0.3297, 0.3267

Tritanomaly

52.2227, 0.3190, 0.3182

Monochromacy



Original Color

52.1109, 0.3252, 0.3303

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7151, 0.3176, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1109, 0.3252, 0.3303 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, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 187)  
}
```

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, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 187) }
```

Border

The CSS property to change the border of an element to Yxy 52.1109, 0.3252, 0.3303 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, 188, 187) }
```

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

```
.border{ border-color:rgb(202, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(202, 188,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1109, 0.3252, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 188, 187) }
```

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

```
.background{ background-color: rgb(202,  
188, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor