

Converting Colors

Yxy(52.8386, 0.3266, 0.3298)

Have a look what the booklet for
Yxy(52.8386, 0.3266, 0.3298)
contains.

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Color

Yxy(53.0052, 0.3268, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	CDBDBC
RGB	205, 189, 188
RGB Percent	80%, 74%, 74%
CMY	0.1960, 0.2588, 0.2626
CMYK	0.00, 0.08, 0.08, 0.20
HSL	3°, 15%, 77%
HSV	3°, 8%, 80%
XYZ	52.4594, 53.0052, 55.0599
YIQ	193.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

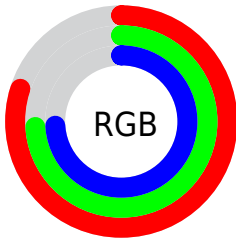
Format	Color
R _Y B	205, 189, 188
Decimal	13483452
CIE Lab	77.88, 5.49, 2.52
CIE LCh	78, 6.043, 24.644
Yxy	53.0052, 0.3268, 0.3302
Android (android.graphics.Color)	4291673532 (0xFFCDBDBC)
YUV	193.6700, -2.7953, 9.9364
Hunter-Lab	72.8047, 1.2100, 6.1241

Details

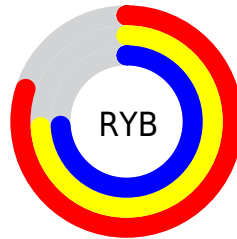
The Yxy color **53.0052, 0.3268, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3208, 0.3000, 0.3278**, and the grayscale version is **53.7599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0965, 0.3198, 0.3300**, and **25.9369, 0.3307, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **44.4116, 0.3475, 0.3318**, and if you desaturate by 10%, it is **62.8388, 0.3101, 0.3288**.

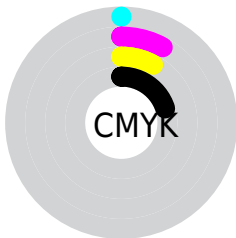
Distribution



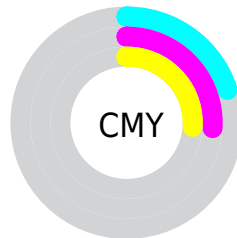
- Red (80%)
- Green (74%)
- Blue (74%)



- Red (80%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0052, 0.3268, 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 53.0052, 0.3268, 0.3302 by changing the saturation by 10% instead.


 53.0052, 0.3268,
0.3302

 53.0052, 0.3268,
0.3302


398.3051, 0.3199,
0.3297

 37.8069, 0.3285,
0.3303


 94.6120, 0.3243,
0.3300

 25.8329, 0.3306,
0.3305


121.7894, 0.3234,
0.3299

 16.6987, 0.3335,
0.3307


153.7285, 0.3226,
0.3299

 10.0199, 0.3374,
0.3309

190.8138, 0.3219,
0.3298

 5.4121, 0.3430,
0.3312

233.4298, 0.3213,
0.3298

 2.4910, 0.3521,
0.3316

281.9607, 0.3208,

 0.8722, 0.3706,

0.3297

0.3336

336.7910, 0.3203,
0.3297

0.0000, 0.0000,
0.0000

53.0052, 0.3268,
0.3302

53.0052, 0.3268,
0.3302

44.4116, 0.3475,
0.3318

62.8388, 0.3101,
0.3288

37.0021, 0.3731,
0.3334

73.9514, 0.2966,
0.3275

30.7269, 0.4045,
0.3350

86.3892, 0.2857,
0.3263

25.5300, 0.4421,
0.3365

91.7230, 0.2833,
0.3289

21.3508, 0.4853,
0.3375

■ 18.1224, 0.5317,
0.3379

■ 15.7700, 0.5761,
0.3371

■ 14.2079, 0.6119,
0.3353

■ 13.3300, 0.6337,
0.3329

Harmonies

Analogous

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



53.0052, 0.3211, 0.3232



53.0052, 0.3268, 0.3302



53.0052, 0.3286, 0.3370

Triad

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



53.0052, 0.3268, 0.3302



53.0052, 0.3121, 0.3406



53.0052, 0.2994, 0.3163

Complementary

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



53.0052, 0.3268, 0.3302



58.3208, 0.3000, 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.



53.0052, 0.2971, 0.3208



53.0052, 0.3268, 0.3302



53.0052, 0.3043, 0.3349

Square

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



53.0052, 0.3268, 0.3302



53.0052, 0.3201, 0.3431



53.0052, 0.2988, 0.3276



53.0052, 0.3053, 0.3153

Rectangle

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



53.0052, 0.3268, 0.3302



53.0052, 0.3275, 0.3405



53.0052, 0.2988, 0.3276



53.0052, 0.2982, 0.3175

Sweetspot

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



53.0075, 0.3268, 0.3302



96.6444, 0.3159, 0.3293



53.3308, 0.3143, 0.3099



20.7210, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



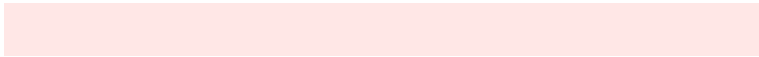
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0075, 0.3268, 0.3302



84.0655, 0.3303, 0.3305



56.7199, 0.3258, 0.3402



11.3139, 0.3289, 0.3304



8.2837, 0.6354, 0.3337



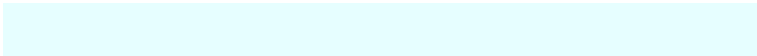
0.4639, 0.6202, 0.3457

Inverse Universe

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



58.3208, 0.3000, 0.3278



94.5626, 0.2973, 0.3275



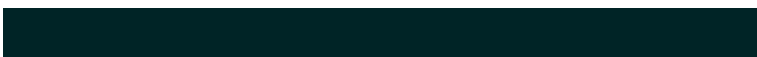
54.4397, 0.3000, 0.3175



12.6139, 0.2984, 0.3276



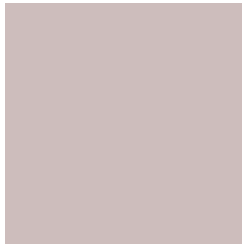
26.6436, 0.2198, 0.3114



1.4084, 0.2209, 0.3150

Previews

White Background



This preview shows how the Yxy color 53.0052, 0.3268, 0.3302 looks on a white background.

Color Contrast Check

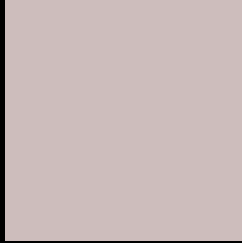
Large Text (above 18pt) WCAG AA × Fail

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 53.0052, 0.3268, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

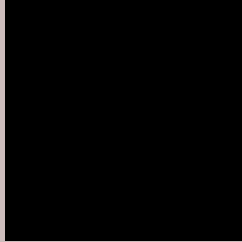
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0052, 0.3268, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 53.0052, 0.3268, 0.3302.



This preview shows how white text looks on a background with the Yxy color 53.0052, 0.3268, 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

53.0052, 0.3268, 0.3302

Protanopia

53.2873, 0.3183, 0.3315

Deuteranopia

52.9381, 0.3332, 0.3255



Tritanopia

53.0703, 0.3177, 0.3113

Trichromacy



Original Color

53.0052, 0.3268, 0.3302

Protanomaly

53.2151, 0.3216, 0.3315

Deuteranomaly

52.9164, 0.3305, 0.3267

Tritanomaly

53.1195, 0.3207, 0.3183

Monochromacy



Original Color

53.0052, 0.3268, 0.3302

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5108, 0.3176, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0052, 0.3268, 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(205, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 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(205, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.0052, 0.3268, 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(205, 189, 188) }
```

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

```
.border{ border-color:rgb(205, 189, 188) }
```

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

Here you see how a box with a 4 pixel rgb(205, 189, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0052, 0.3268, 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(205, 189, 188) }
```

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

```
.background{ background-color: rgb(205,  
189, 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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