

Converting Colors

Yxy(53.4168, 0.3256, 0.3328)

Have a look what the booklet for
Yxy(53.4168, 0.3256, 0.3328)
contains.

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Color

Yxy(53.5460, 0.3257, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	CBBFBB
RGB	203, 191, 187
RGB Percent	80%, 75%, 73%
CMY	0.2039, 0.2510, 0.2667
CMYK	0.00, 0.06, 0.08, 0.20
HSL	15°, 13%, 76%
HSV	15°, 8%, 80%
XYZ	52.2310, 53.5460, 54.5884
YIQ	194.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

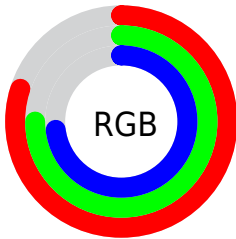
Format	Color
RYB	203, 192, 187
Decimal	13352891
CIELab	78.20, 3.53, 3.52
CIElCh	78, 4.985, 44.996
Yxy	53.5460, 0.3257, 0.3339
Android (android.graphics.Color)	4291542971 (0xFFCBBFB8)
YUV	194.1320, -3.5161, 7.7772
Hunter-Lab	73.1751, -0.6466, 6.9925

Details

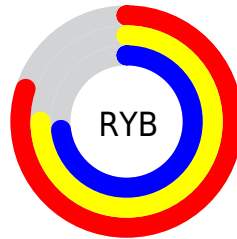
The Yxy color **53.5460, 0.3257, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7238, 0.3006, 0.3240**, and the grayscale version is **54.0503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2526, 0.3203, 0.3329**, and **26.2877, 0.3291, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **46.4431, 0.3450, 0.3405**, and if you desaturate by 10%, it is **61.4662, 0.3096, 0.3277**.

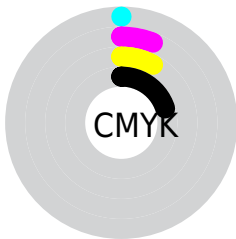
Distribution



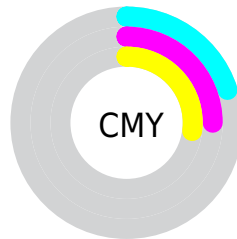
- Red (80%)
- Green (75%)
- Blue (73%)



- Red (80%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (20%)




- Cyan (20%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5460, 0.3257, 0.3339 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 53.5460, 0.3257, 0.3339 by changing the saturation by 10% instead.


 53.5460, 0.3257,
0.3339

 53.5460, 0.3257,
0.3339

400.3764, 0.3193,
0.3315

 38.2388, 0.3273,
0.3345


 95.4073, 0.3234,
0.3331

 26.1681, 0.3292,
0.3352


122.7302, 0.3226,
0.3327

 16.9494, 0.3318,
0.3361


154.8272, 0.3218,
0.3325

 10.1984, 0.3354,
0.3373


192.0826, 0.3212,
0.3322

 5.5307, 0.3405,
0.3391

234.8808, 0.3206,
0.3320

 2.5619, 0.3488,
0.3418

283.6063, 0.3202,

 0.9076, 0.3663,

0.3319

0.3488

338.6433, 0.3197,
0.3317

0.0000, 0.0000,
0.0000

53.5460, 0.3257,
0.3339

53.5460, 0.3257,
0.3339

46.4431, 0.3450,
0.3405

61.4662, 0.3096,
0.3277

40.1244, 0.3681,
0.3474

70.2215, 0.2961,
0.3221

34.5647, 0.3955,
0.3543

79.8380, 0.2848,
0.3169

29.7349, 0.4274,
0.3608

89.4595, 0.2820,
0.3257

25.6039, 0.4634,
0.3661

91.4388, 0.2822,
0.3289

■ 22.1385, 0.5022,
0.3691

■ 19.3023, 0.5412,
0.3689

■ 17.0554, 0.5762,
0.3647

■ 15.3504, 0.6035,
0.3566

Harmonies

Analogous

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



53.5460, 0.3231, 0.3281



53.5460, 0.3257, 0.3339



53.5460, 0.3248, 0.3385

Triad

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



53.5460, 0.3257, 0.3339



53.5460, 0.3077, 0.3356



53.5460, 0.3048, 0.3176

Complementary

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



53.5460, 0.3257, 0.3339



55.7238, 0.3006, 0.3240

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.



53.5460, 0.3008, 0.3195



53.5460, 0.3257, 0.3339



53.5460, 0.3025, 0.3298

Square

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



53.5460, 0.3257, 0.3339



53.5460, 0.3144, 0.3395



53.5460, 0.2999, 0.3239



53.5460, 0.3110, 0.3188

Rectangle

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



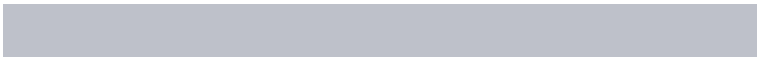
53.5460, 0.3257, 0.3339



53.5460, 0.3223, 0.3402



53.5460, 0.2999, 0.3239



53.5460, 0.3032, 0.3179

Sweetspot

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



53.5483, 0.3257, 0.3339



97.2609, 0.3159, 0.3302



52.3581, 0.3167, 0.3146



20.8466, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



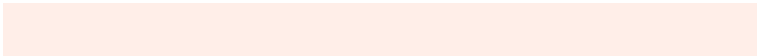
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5483, 0.3257, 0.3339



88.1200, 0.3279, 0.3347



57.1373, 0.3248, 0.3435



11.6626, 0.3284, 0.3349



9.7012, 0.6063, 0.3568



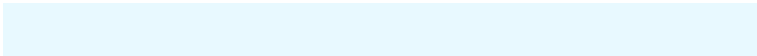
0.6248, 0.5669, 0.3881

Inverse Universe

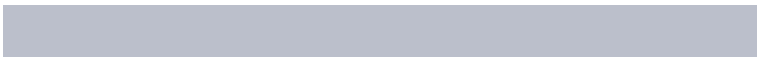
The Inverse Universe completely reimagines the original color for something new.



55.7238, 0.3006, 0.3240



92.2920, 0.2988, 0.3232



52.1351, 0.3006, 0.3141



12.2327, 0.2983, 0.3231



17.2203, 0.2018, 0.2465



1.0043, 0.2068, 0.2645

Previews

White Background



This preview shows how the Yxy color 53.5460, 0.3257, 0.3339 looks on a white background.

Color Contrast Check

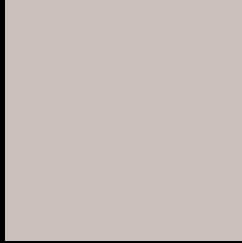
Large Text (above 18pt) WCAG AA × Fail

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 53.5460, 0.3257, 0.3339 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 53.5460, 0.3257, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 53.5460, 0.3257, 0.3339.



This preview shows how white text looks on a background with the Yxy color 53.5460, 0.3257, 0.3339.

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

53.5460, 0.3257, 0.3339

Protanopia

53.7765, 0.3206, 0.3351

Deuteranopia

53.4676, 0.3347, 0.3279



Tritanopia

53.6861, 0.3151, 0.3124

Trichromacy



Original Color

53.5460, 0.3257, 0.3339

Protanomaly

53.6095, 0.3223, 0.3339

Deuteranomaly

53.2989, 0.3312, 0.3291

Tritanomaly

53.6955, 0.3188, 0.3206

Monochromacy



Original Color

53.5460, 0.3257, 0.3339

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7718, 0.3175, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5460, 0.3257, 0.3339 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(203, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 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(203, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.5460, 0.3257, 0.3339 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(203, 191, 187) }
```

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

```
.border{ border-color:rgb(203, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5460, 0.3257, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 187) }
```

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

```
.background{ background-color: rgb(203,  
191, 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](#).

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