

Converting Colors

Yxy(53.4061, 0.3261, 0.3488)

Have a look what the booklet for
Yxy(53.4061, 0.3261, 0.3488)
contains.

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Color

Yxy(53.5337, 0.3265, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	C4C2B2
RGB	196, 194, 178
RGB Percent	77%, 76%, 70%
CMY	0.2313, 0.2392, 0.3020
CMYK	0.00, 0.01, 0.09, 0.23
HSL	53°, 13%, 73%
HSV	53°, 9%, 77%
XYZ	50.0967, 53.5337, 49.8052
YIQ	192.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

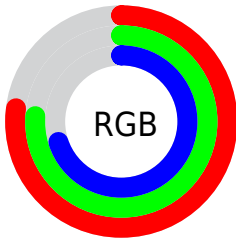
Format	Color
RYB	180, 196, 178
Decimal	12894898
CIELab	78.19, -2.10, 8.30
CIELCh	78, 8.557, 104.205
Yxy	53.5337, 0.3265, 0.3489
Android (android.graphics.Color)	4291084978 (0xFFC4C2B2)
YUV	192.7740, -7.2836, 2.8292
Hunter-Lab	73.1667, -5.8241, 10.8575

Details

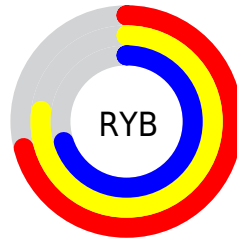
The Yxy color **53.5337, 0.3265, 0.3489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1002, 0.2986, 0.3083**, and the grayscale version is **53.2324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1944, 0.3242, 0.3446**, and **25.9876, 0.3303, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **51.8296, 0.3422, 0.3712**, and if you desaturate by 10%, it is **55.3696, 0.3116, 0.3273**.

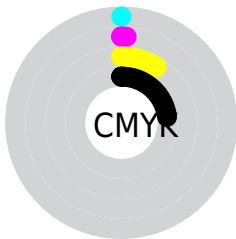
Distribution



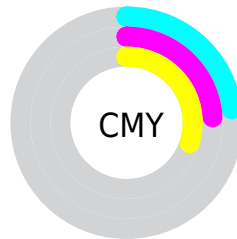
- Red (77%)
- Green (76%)
- Blue (70%)



- Red (71%)
- Yellow (77%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (23%)





- Cyan (23%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5337, 0.3265, 0.3489 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 53.5337, 0.3265, 0.3489 by changing the saturation by 10% instead.


 53.5337, 0.3265,
0.3489

 53.5337, 0.3265,
0.3489

400.3294, 0.3198,
0.3391

 38.2290, 0.3281,
0.3513


 95.3892, 0.3241,
0.3454

 26.1605, 0.3302,
0.3543


122.7089, 0.3232,
0.3441

 16.9437, 0.3329,
0.3583


154.8022, 0.3224,
0.3429

 10.1944, 0.3365,
0.3638

192.0538, 0.3217,
0.3420

 5.5280, 0.3418,
0.3718

234.8479, 0.3212,
0.3411

 2.5603, 0.3500,
0.3844

283.5689, 0.3206,

 0.9067, 0.3815,

0.3404

0.4268

338.6013, 0.3202,
0.3397

0.0000, 0.0000,
0.0000

53.5337, 0.3265,
0.3489

53.5337, 0.3265,
0.3489

51.8296, 0.3422,
0.3712

55.3696, 0.3116,
0.3273

50.2454, 0.3584,
0.3937

57.3348, 0.2976,
0.3068

48.7783, 0.3746,
0.4157

59.4360, 0.2847,
0.2877

47.4228, 0.3903,
0.4362

61.5866, 0.2738,
0.2714

46.1728, 0.4048,
0.4542

62.6346, 0.2740,
0.2739

■ 45.0216, 0.4174,
0.4690

■ 63.6975, 0.2742,
0.2764

■ 43.9615, 0.4277,
0.4796

■ 64.7753, 0.2744,
0.2789

■ 42.9835, 0.4352,
0.4858

■ 65.8681, 0.2746,
0.2814

■ 42.0720, 0.4403,
0.4882

■ 66.9760, 0.2748,
0.2839

Harmonies

Analogous

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



53.5337, 0.3336, 0.3450



53.5337, 0.3265, 0.3489



53.5337, 0.3158, 0.3473

Triad

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



53.5337, 0.3265, 0.3489



53.5337, 0.2909, 0.3204



53.5337, 0.3209, 0.3179

Complementary

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



53.5337, 0.3265, 0.3489



46.1002, 0.2986, 0.3083

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.



53.5337, 0.3094, 0.3115



53.5337, 0.3265, 0.3489



53.5337, 0.2922, 0.3128

Square

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



53.5337, 0.3265, 0.3489



53.5337, 0.2953, 0.3306



53.5337, 0.2989, 0.3096



53.5337, 0.3304, 0.3271

Rectangle

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



53.5337, 0.3265, 0.3489



53.5337, 0.3081, 0.3433



53.5337, 0.2989, 0.3096



53.5337, 0.3171, 0.3154

Sweetspot

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



53.5360, 0.3265, 0.3489



98.9691, 0.3172, 0.3355



46.8747, 0.3268, 0.3264



21.1253, 0.3184, 0.3373



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.



53.5360, 0.3265, 0.3489



96.3261, 0.3295, 0.3533



53.5395, 0.3206, 0.3517



11.5585, 0.3267, 0.3493



27.0581, 0.4403, 0.4886



1.2253, 0.4350, 0.4928

Inverse Universe

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



46.1002, 0.2986, 0.3083



80.1954, 0.2954, 0.3035



46.1252, 0.3043, 0.3060



9.9264, 0.2983, 0.3079



2.9959, 0.1525, 0.0690



0.1916, 0.1602, 0.0968

Previews

White Background



This preview shows how the Yxy color 53.5337, 0.3265, 0.3489 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 53.5337, 0.3265, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

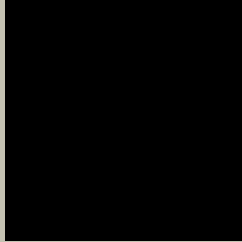
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

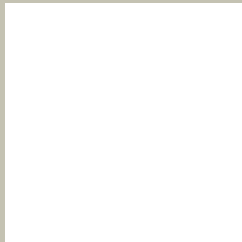
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5337, 0.3265, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 53.5337, 0.3265, 0.3489.



This preview shows how white text looks on a background with the Yxy color 53.5337, 0.3265, 0.3489.

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

53.5337, 0.3265, 0.3489

Protanopia

53.7318, 0.3316, 0.3487

Deuteranopia

53.5470, 0.3447, 0.3385



Tritanopia

53.5140, 0.3095, 0.3110

Trichromacy



Original Color

53.5337, 0.3265, 0.3489

Protanomaly

53.4564, 0.3299, 0.3488

Deuteranomaly

53.6369, 0.3372, 0.3423

Tritanomaly

53.3438, 0.3162, 0.3242

Monochromacy



Original Color

53.5337, 0.3265, 0.3489

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2401, 0.3173, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5337, 0.3265, 0.3489 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(196, 194, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 178)  
}
```

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(196, 194, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 178) }
```

Border

The CSS property to change the border of an element to Yxy 53.5337, 0.3265, 0.3489 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(196, 194, 178) }
```

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

```
.border{ border-color:rgb(196, 194, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 194, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5337, 0.3265, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 178) }
```

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

```
.background{ background-color: rgb(196,  
194, 178) }
```

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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