

Converting Colors

Yxy(52.9323, 0.3280, 0.3400)

Have a look what the booklet for
Yxy(52.9323, 0.3280, 0.3400)
contains.

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Color

Yxy(53.0565, 0.3279, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	C9BFB6
RGB	201, 191, 182
RGB Percent	79%, 75%, 71%
CMY	0.2119, 0.2509, 0.2863
CMYK	0.00, 0.05, 0.09, 0.21
HSL	29°, 15%, 75%
HSV	29°, 9%, 79%
XYZ	51.1533, 53.0565, 51.7929
YIQ	192.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

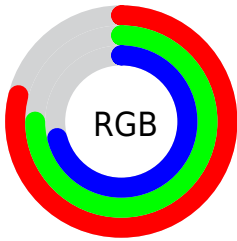
Format	Color
R_{YB}	201, 199, 182
Decimal	13221814
CIE Lab	77.91, 1.93, 5.79
CIE LCh	78, 6.101, 71.562
Yxy	53.0565, 0.3279, 0.3401
Android (android.graphics.Color)	4291411894 (0xFFC9BFB6)
YUV	192.9640, -5.4053, 7.0476
Hunter-Lab	72.8399, -2.1146, 8.8297

Details

The Yxy color **53.0565, 0.3279, 0.3401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8291, 0.2982, 0.3176**, and the grayscale version is **53.3329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9546, 0.3233, 0.3378**, and **25.9650, 0.3322, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **47.8559, 0.3463, 0.3525**, and if you desaturate by 10%, it is **58.7115, 0.3119, 0.3284**.

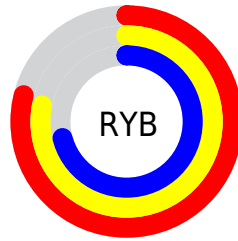
Distribution



Red (79%)

Green (75%)

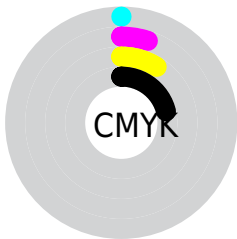
Blue (71%)



Red (79%)

Yellow (78%)

Blue (71%)

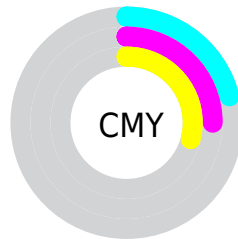


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0565, 0.3279, 0.3401 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 53.0565, 0.3279, 0.3401 by changing the saturation by 10% instead.

■ 53.0565, 0.3279,
0.3401

■ 53.0565, 0.3279,
0.3401

398.5019, 0.3205,
0.3347

■ 37.8479, 0.3297,
0.3414

■ 94.6875, 0.3252,
0.3382

■ 25.8646, 0.3320,
0.3431

121.8787, 0.3242,
0.3374

■ 16.7224, 0.3351,
0.3452

153.8328, 0.3234,
0.3368

■ 10.0368, 0.3392,
0.3482

190.9343, 0.3226,
0.3363

■ 5.4233, 0.3453,
0.3524

233.5676, 0.3220,
0.3358

■ 2.4977, 0.3550,
0.3591

282.1170, 0.3214,

■ 0.8755, 0.3819,

0.3354

0.3800

336.9669, 0.3209,
0.3350

0.0000, 0.0000,
0.0000

53.0565, 0.3279,
0.3401

53.0565, 0.3279,
0.3401

47.8559, 0.3463,
0.3525

58.7115, 0.3119,
0.3284

43.0906, 0.3672,
0.3653

64.8253, 0.2980,
0.3174

38.7506, 0.3907,
0.3781

71.4112, 0.2859,
0.3073

34.8225, 0.4167,
0.3902

77.9958, 0.2794,
0.3056

31.2923, 0.4445,
0.4006

84.1440, 0.2802,
0.3170

■ 28.1449, 0.4731,
0.4082

■ 90.6542, 0.2810,
0.3281

■ 25.3640, 0.5010,
0.4115

■ 91.1526, 0.2810,
0.3289

■ 22.9313, 0.5261,
0.4097

■ 20.8208, 0.5475,
0.4030

Harmonies

Analogous

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



53.0565, 0.3285, 0.3342



53.0565, 0.3279, 0.3401



53.0565, 0.3232, 0.3431

Triad

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



53.0565, 0.3279, 0.3401



53.0565, 0.3007, 0.3308



53.0565, 0.3096, 0.3162

Complementary

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



53.0565, 0.3279, 0.3401



51.8291, 0.2982, 0.3176

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.



53.0565, 0.3023, 0.3152



53.0565, 0.3279, 0.3401



53.0565, 0.2972, 0.3235

Square

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



53.0565, 0.3279, 0.3401



53.0565, 0.3075, 0.3378



53.0565, 0.2977, 0.3178



53.0565, 0.3179, 0.3205

Rectangle

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



53.0565, 0.3279, 0.3401



53.0565, 0.3184, 0.3430



53.0565, 0.2977, 0.3178



53.0565, 0.3070, 0.3154

Sweetspot

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



53.0588, 0.3279, 0.3401



96.9854, 0.3174, 0.3325



49.6737, 0.3208, 0.3167



20.5890, 0.3187, 0.3335



0.0000, 0.0000, 0.0000



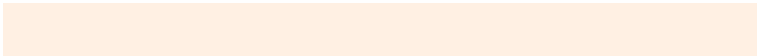
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0588, 0.3279, 0.3401



89.2991, 0.3309, 0.3422



57.2521, 0.3267, 0.3512



11.4556, 0.3278, 0.3400



13.2084, 0.5464, 0.4044



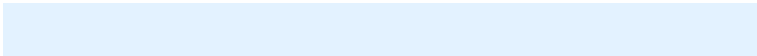
0.7702, 0.5131, 0.4308

Inverse Universe

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



51.8291, 0.2982, 0.3176



86.8400, 0.2956, 0.3155



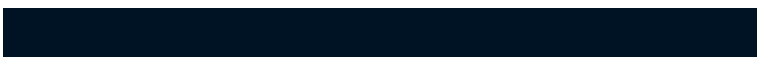
47.8690, 0.2982, 0.3057



11.1920, 0.2983, 0.3177



9.2337, 0.1798, 0.1674



0.5816, 0.1900, 0.2039

Previews

White Background



This preview shows how the Yxy color 53.0565, 0.3279, 0.3401 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 53.0565, 0.3279, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

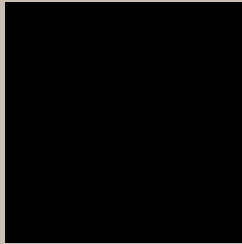
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

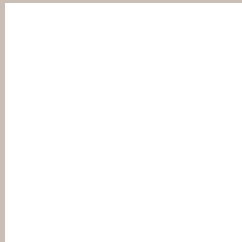
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0565, 0.3279, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 53.0565, 0.3279, 0.3401.

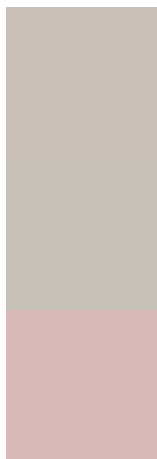


This preview shows how white text looks on a background with the Yxy color 53.0565, 0.3279, 0.3401.

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

53.0565, 0.3279, 0.3401

Protanopia

53.0824, 0.3253, 0.3414

Deuteranopia

52.9838, 0.3398, 0.3326



Tritanopia

53.1156, 0.3144, 0.3112

Trichromacy



Original Color

53.0565, 0.3279, 0.3401

Protanomaly

53.2188, 0.3261, 0.3413

Deuteranomaly

53.0870, 0.3352, 0.3351

Tritanomaly

53.0318, 0.3196, 0.3218

Monochromacy



Original Color

53.0565, 0.3279, 0.3401

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1092, 0.3182, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0565, 0.3279, 0.3401 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(201, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 182)  
}
```

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(201, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 182) }
```

Border

The CSS property to change the border of an element to Yxy 53.0565, 0.3279, 0.3401 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(201, 191, 182) }
```

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

```
.border{ border-color:rgb(201, 191, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0565, 0.3279, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 182) }
```

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

```
.background{ background-color: rgb(201,  
191, 182) }
```

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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