

Converting Colors

Yxy(53.2121, 0.3401, 0.3412)

Have a look what the booklet for
Yxy(53.2121, 0.3401, 0.3412)
contains.

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Color

Yxy(53.0297, 0.3401, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	D3BCB2
RGB	211, 188, 178
RGB Percent	83%, 74%, 70%
CMY	0.1727, 0.2627, 0.3020
CMYK	0.00, 0.11, 0.16, 0.17
HSL	18°, 27%, 76%
HSV	18°, 16%, 83%
XYZ	52.8742, 53.0297, 49.5628
YIQ	193.7370, 16.9180, 1.7660

Conversions

Conversions Part 2

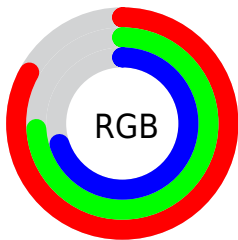
Format	Color
R_{YB}	211, 192, 178
Decimal	13876402
CIE _{Lab}	77.89, 6.51, 8.03
CIE _{LCh}	78, 10.340, 50.990
Yxy	53.0297, 0.3401, 0.3411
Android (android.graphics.Color)	4292066482 (0xFFD3BCB2)
YUV	193.7370, -7.7583, 15.1397
Hunter-Lab	72.8215, 2.1677, 10.6219

Details

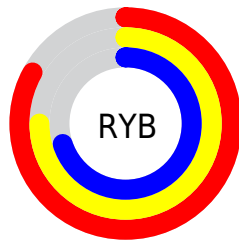
The Yxy color **53.0297, 0.3401, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9080, 0.2887, 0.3166**, and the grayscale version is **53.8231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9019, 0.3260, 0.3388**, and **25.8765, 0.3478, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **46.2916, 0.3618, 0.3494**, and if you desaturate by 10%, it is **60.5409, 0.3217, 0.3332**.

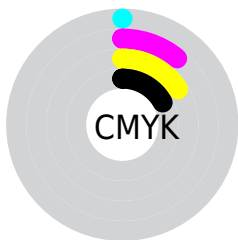
Distribution



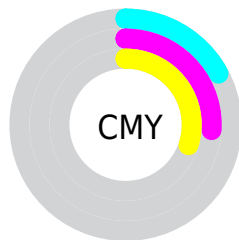
- Red (83%)
- Green (74%)
- Blue (70%)



- Red (83%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (17%)




- Cyan (17%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0297, 0.3401, 0.3411 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 53.0297, 0.3401, 0.3411 by changing the saturation by 10% instead.

 53.0297, 0.3401,
0.3411

 53.0297, 0.3401,
0.3411


398.3991, 0.3266,
0.3353

 37.8265, 0.3434,
0.3425

 94.6481, 0.3353,
0.3391

 25.8480, 0.3476,
0.3442


121.8320, 0.3334,
0.3383

 16.7100, 0.3531,
0.3464

153.7783, 0.3319,
0.3376

 10.0279, 0.3607,
0.3493

190.8714, 0.3305,
0.3370

 5.4175, 0.3718,
0.3534

233.4956, 0.3294,
0.3365

 2.4942, 0.3894,
0.3595

282.0353, 0.3283,

 0.8738, 0.4414,

0.3361

0.3864

336.8750, 0.3274,
0.3357

0.0000, 0.0000,
0.0000

53.0297, 0.3401,
0.3411

53.0297, 0.3401,
0.3411

46.2916, 0.3618,
0.3494

60.5409, 0.3217,
0.3332

40.2946, 0.3874,
0.3578

68.8418, 0.3063,
0.3259

35.0147, 0.4169,
0.3659

77.9574, 0.2933,
0.3191

30.4241, 0.4503,
0.3728

87.4253, 0.2862,
0.3204

26.4929, 0.4865,
0.3776

92.5834, 0.2866,
0.3289

■ 23.1889, 0.5233,
0.3791

■ 20.4768, 0.5577,
0.3761

■ 18.3169, 0.5860,
0.3685

■ 17.5288, 0.5966,
0.3645

Harmonies

Analogous

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



53.0297, 0.3360, 0.3294



53.0297, 0.3401, 0.3411



53.0297, 0.3366, 0.3500

Triad

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



53.0297, 0.3401, 0.3411



53.0297, 0.2998, 0.3405



53.0297, 0.2985, 0.3056

Complementary

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



53.0297, 0.3401, 0.3411



55.9080, 0.2887, 0.3166

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.



53.0297, 0.2892, 0.3080



53.0297, 0.3401, 0.3411



53.0297, 0.2899, 0.3279

Square

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



53.0297, 0.3401, 0.3411



53.0297, 0.3132, 0.3499



53.0297, 0.2861, 0.3160



53.0297, 0.3118, 0.3092

Rectangle

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



53.0297, 0.3401, 0.3411



53.0297, 0.3306, 0.3530



53.0297, 0.2861, 0.3160



53.0297, 0.2948, 0.3057

Sweetspot

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



53.0321, 0.3401, 0.3411



93.6752, 0.3208, 0.3328



49.9009, 0.3225, 0.3018



19.8655, 0.3220, 0.3333



0.0000, 0.0000, 0.0000



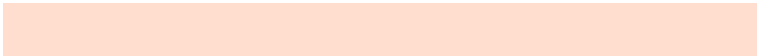
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0321, 0.3401, 0.3411



77.6071, 0.3475, 0.3440



60.4186, 0.3372, 0.3601



12.3862, 0.3283, 0.3361



10.7419, 0.5940, 0.3666



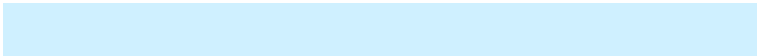
0.7403, 0.5574, 0.3956

Inverse Universe

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



55.9080, 0.2887, 0.3166



82.8964, 0.2832, 0.3135



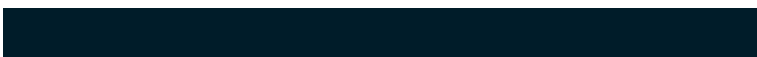
48.6898, 0.2879, 0.2959



12.7748, 0.2983, 0.3218



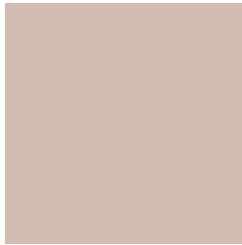
15.5870, 0.1965, 0.2274



1.0079, 0.2023, 0.2482

Previews

White Background



This preview shows how the Yxy color 53.0297, 0.3401, 0.3411 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 53.0297, 0.3401, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

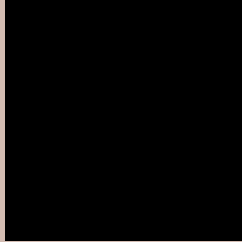
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0297, 0.3401, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 53.0297, 0.3401, 0.3411.



This preview shows how white text looks on a background with the Yxy color 53.0297, 0.3401, 0.3411.

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

53.0297, 0.3401, 0.3411

Protanopia

53.1367, 0.3277, 0.3438

Deuteranopia

53.0839, 0.3457, 0.3385



Tritanopia

53.1176, 0.3261, 0.3127

Trichromacy



Original Color

53.0297, 0.3401, 0.3411

Protanomaly

53.2128, 0.3320, 0.3437

Deuteranomaly

53.2021, 0.3438, 0.3398

Tritanomaly

53.0255, 0.3316, 0.3232

Monochromacy



Original Color

53.0297, 0.3401, 0.3411

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6095, 0.3223, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0297, 0.3401, 0.3411 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(211, 188, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 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(211, 188, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 178) }
```

Border

The CSS property to change the border of an element to Yxy 53.0297, 0.3401, 0.3411 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(211, 188, 178) }
```

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

```
.border{ border-color:rgb(211, 188, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 188, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0297, 0.3401, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 188, 178) }
```

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

```
.background{ background-color: rgb(211,  
188, 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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