

Converting Colors

Yxy(51.3624, 0.3253, 0.3147)

Have a look what the booklet for
Yxy(51.3624, 0.3253, 0.3147)
contains.

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Color

Yxy(51.3624, 0.3253, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	D1B7C3
RGB	209, 183, 195
RGB Percent	82%, 72%, 76%
CMY	0.1802, 0.2824, 0.2352
CMYK	0.00, 0.12, 0.07, 0.18
HSL	332°, 22%, 77%
HSV	332°, 12%, 82%
XYZ	53.0924, 51.3624, 58.7558
YIQ	192.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

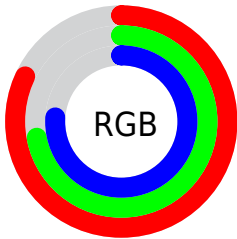
Format	Color
R _Y B	209, 183, 195
Decimal	13744067
CIE Lab	76.90, 11.36, -2.66
CIE LCh	77, 11.667, 346.830
Yxy	51.3624, 0.3253, 0.3147
Android (android.graphics.Color)	4291934147 (0xFFD1B7C3)
YUV	192.1420, 1.4090, 14.7845
Hunter-Lab	71.6676, 6.8173, 1.5591

Details

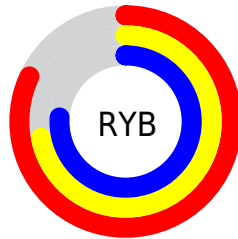
The Yxy color **51.3624, 0.3253, 0.3147** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7281, 0.3017, 0.3438**, and the grayscale version is **52.7911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0213, 0.3153, 0.3165**, and **24.7584, 0.3286, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **42.8823, 0.3378, 0.3026**, and if you desaturate by 10%, it is **61.1663, 0.3150, 0.3263**.

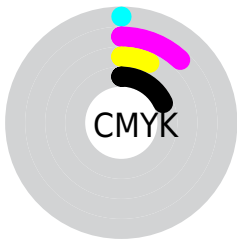
Distribution



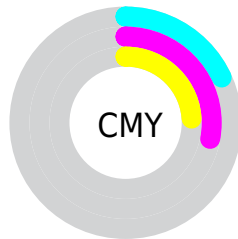
- Red (82%)
- Green (72%)
- Blue (76%)



- Red (82%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3624, 0.3253, 0.3147 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 51.3624, 0.3253, 0.3147 by changing the saturation by 10% instead.

 51.3624, 0.3253,
0.3147

 51.3624, 0.3253,
0.3147


391.9701, 0.3191,
0.3217

 36.4971, 0.3268,
0.3130


 92.1902, 0.3231,
0.3172

 24.8184, 0.3287,
0.3109


118.9216, 0.3223,
0.3181

 15.9418, 0.3312,
0.3081


150.3770, 0.3215,
0.3189

 9.4830, 0.3346,
0.3043

186.9410, 0.3209,
0.3196

 5.0575, 0.3396,
0.2988

228.9979, 0.3204,
0.3202

 2.2811, 0.3475,
0.2901

276.9322, 0.3199,

 0.7637, 0.3626,

0.3208

0.2732

331.1281, 0.3195,
0.3213

0.0000, 0.0000,
0.0000

51.3624, 0.3253,
0.3147

51.3624, 0.3253,
0.3147

42.8823, 0.3378,
0.3026

61.1663, 0.3150,
0.3263

35.6620, 0.3528,
0.2902

72.3408, 0.3065,
0.3371

29.6426, 0.3706,
0.2780

84.9388, 0.2995,
0.3471

24.7575, 0.3914,
0.2668

91.3782, 0.2934,
0.3446

20.9337, 0.4150,
0.2577

92.0683, 0.2874,
0.3327

■ 18.0895, 0.4409,
0.2519

■ 92.3042, 0.2855,
0.3289

■ 16.1311, 0.4680,
0.2506

■ 14.9461, 0.4948,
0.2546

■ 14.4178, 0.5141,
0.2606

Harmonies

Analogous

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



51.3624, 0.3094, 0.3056



51.3624, 0.3253, 0.3147



51.3624, 0.3380, 0.3275

Triad

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



51.3624, 0.3253, 0.3147



51.3624, 0.3306, 0.3567



51.3624, 0.2826, 0.3158

Complementary

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



51.3624, 0.3253, 0.3147



59.7281, 0.3017, 0.3438

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.



51.3624, 0.2879, 0.3298



51.3624, 0.3253, 0.3147



51.3624, 0.3154, 0.3540

Square

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



51.3624, 0.3253, 0.3147



51.3624, 0.3411, 0.3518



51.3624, 0.2999, 0.3440



51.3624, 0.2850, 0.3059

Rectangle

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



51.3624, 0.3253, 0.3147



51.3624, 0.3428, 0.3366



51.3624, 0.2999, 0.3440



51.3624, 0.2835, 0.3202

Sweetspot

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



51.3647, 0.3253, 0.3147



93.3152, 0.3165, 0.3245



50.3215, 0.3042, 0.2975



19.7126, 0.3172, 0.3236



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.



51.3647, 0.3253, 0.3147



76.7207, 0.3284, 0.3115



51.2015, 0.3350, 0.3301



11.8977, 0.3219, 0.3183



8.9033, 0.5106, 0.2587



0.5138, 0.4669, 0.2346

Inverse Universe

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



51.3647, 0.3253, 0.3147



76.7207, 0.3284, 0.3115



59.8767, 0.2938, 0.3279



11.8977, 0.3219, 0.3183



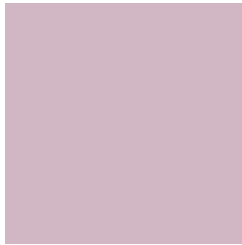
8.9033, 0.5106, 0.2587



0.5138, 0.4669, 0.2346

Previews

White Background



This preview shows how the Yxy color 51.3624, 0.3253, 0.3147 looks on a white background.

Color Contrast Check

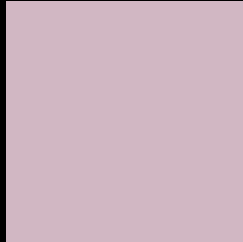
Large Text (above 18pt) WCAG AA × Fail

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 51.3624, 0.3253, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

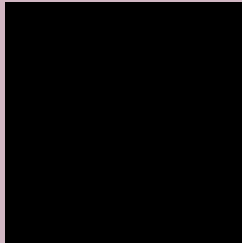
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3624, 0.3253, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 51.3624, 0.3253, 0.3147.



This preview shows how white text looks on a background with the Yxy color 51.3624, 0.3253, 0.3147.

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

51.3624, 0.3253, 0.3147

Protanopia

51.5951, 0.3068, 0.3166

Deuteranopia

51.3429, 0.3226, 0.3158



Tritanopia

51.4535, 0.3236, 0.3124

Trichromacy



Original Color

51.3624, 0.3253, 0.3147

Protanomaly

51.6236, 0.3133, 0.3156

Deuteranomaly

51.4865, 0.3235, 0.3159

Tritanomaly

51.4078, 0.3245, 0.3136

Monochromacy



Original Color

51.3624, 0.3253, 0.3147

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2512, 0.3171, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3624, 0.3253, 0.3147 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(209, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 183, 195)  
}
```

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(209, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 183, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.3624, 0.3253, 0.3147 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(209, 183, 195) }
```

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

```
.border{ border-color:rgb(209, 183, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 183,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3624, 0.3253, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 183, 195) }
```

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

```
.background{ background-color: rgb(209,  
183, 195) }
```

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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