

Converting Colors

Yxy(51.3429, 0.3287, 0.3188)

Have a look what the booklet for
Yxy(51.3429, 0.3287, 0.3188)
contains.

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Color

Yxy(51.3744, 0.3286, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	D2B7C0
RGB	210, 183, 192
RGB Percent	82%, 72%, 75%
CMY	0.1763, 0.2824, 0.2470
CMYK	0.00, 0.13, 0.09, 0.18
HSL	340°, 23%, 77%
HSV	340°, 13%, 82%
XYZ	53.0368, 51.3744, 56.9912
YIQ	192.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

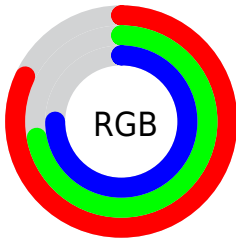
Format	Color
R _Y B	210, 183, 192
Decimal	13809600
CIE Lab	76.91, 11.19, -1.00
CIE LCh	77, 11.230, 354.896
Yxy	51.3744, 0.3286, 0.3183
Android (android.graphics.Color)	4291999680 (0xFFD2B7C0)
YUV	192.0990, -0.0488, 15.6992
Hunter-Lab	71.6759, 6.6488, 3.0303

Details

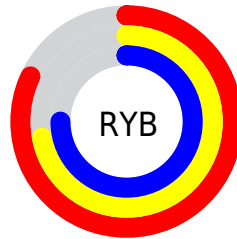
The Yxy color $51.3744, 0.3286, 0.3183$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.4024, 0.2990, 0.3400$, and the grayscale version is $52.7717, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.7703, 0.3177, 0.3203$, and $24.7979, 0.3320, 0.3147$ is the 20% darker color. If you saturate the color by 10%, you get $42.7576, 0.3441, 0.3095$, and if you desaturate by 10%, it is $61.3478, 0.3159, 0.3267$.

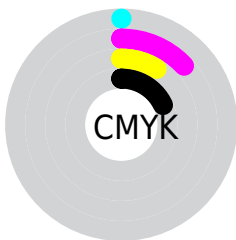
Distribution



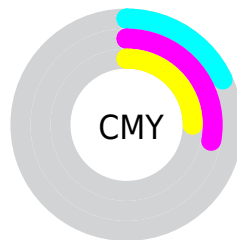
- Red (82%)
- Green (72%)
- Blue (75%)



- Red (82%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3744, 0.3286, 0.3183 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 51.3744, 0.3286, 0.3183 by changing the saturation by 10% instead.


 51.3744, 0.3286,
0.3183

 51.3744, 0.3286,
0.3183

392.0167, 0.3208,
0.3235

 36.5067, 0.3305,
0.3170


 92.2080, 0.3258,
0.3202

 24.8258, 0.3329,
0.3154


118.9426, 0.3247,
0.3209

 15.9473, 0.3361,
0.3133


150.4016, 0.3238,
0.3215

 9.4869, 0.3405,
0.3103

186.9694, 0.3231,
0.3220

 5.0601, 0.3470,
0.3061

229.0304, 0.3224,
0.3225

 2.2826, 0.3572,
0.2993

276.9691, 0.3218,

 0.7645, 0.3773,

0.3229

0.2856

331.1697, 0.3213,
0.3232

0.0000, 0.0000,
0.0000

51.3744, 0.3286,
0.3183

51.3744, 0.3286,
0.3183

42.7576, 0.3441,
0.3095

61.3478, 0.3159,
0.3267

35.4320, 0.3630,
0.3004

72.7263, 0.3056,
0.3345

29.3367, 0.3857,
0.2916

85.5640, 0.2971,
0.3417

24.4033, 0.4126,
0.2837

92.0083, 0.2897,
0.3361

20.5567, 0.4435,
0.2777

92.4490, 0.2861,
0.3289

■ 17.7129, 0.4773,
0.2749

■ 15.7752, 0.5121,
0.2763

■ 14.6275, 0.5451,
0.2826

■ 14.1509, 0.5663,
0.2893

Harmonies

Analogous

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



51.3744, 0.3137, 0.3083



51.3744, 0.3286, 0.3183



51.3744, 0.3393, 0.3311

Triad

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



51.3744, 0.3286, 0.3183



51.3744, 0.3263, 0.3557



51.3744, 0.2836, 0.3132

Complementary

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



51.3744, 0.3286, 0.3183



60.4024, 0.2990, 0.3400

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.



51.3744, 0.2868, 0.3260



51.3744, 0.3286, 0.3183



51.3744, 0.3112, 0.3510

Square

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



51.3744, 0.3286, 0.3183



51.3744, 0.3379, 0.3529



51.3744, 0.2968, 0.3399



51.3744, 0.2879, 0.3052

Rectangle

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



51.3744, 0.3286, 0.3183



51.3744, 0.3426, 0.3398



51.3744, 0.2968, 0.3399



51.3744, 0.2838, 0.3171

Sweetspot

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



51.3767, 0.3286, 0.3183



93.2335, 0.3173, 0.3257



50.9390, 0.3068, 0.2967



19.6920, 0.3182, 0.3251



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.



51.3767, 0.3286, 0.3183



76.4416, 0.3319, 0.3163



52.8796, 0.3353, 0.3345



11.8723, 0.3239, 0.3213



8.6440, 0.5624, 0.2872



0.4979, 0.5103, 0.2585

Inverse Universe

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



51.3767, 0.3286, 0.3183



76.4416, 0.3319, 0.3163



58.6427, 0.2930, 0.3235



11.8723, 0.3239, 0.3213



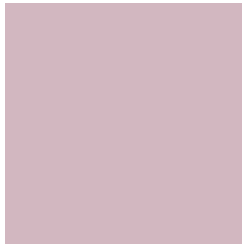
8.6440, 0.5624, 0.2872



0.4979, 0.5103, 0.2585

Previews

White Background



This preview shows how the Yxy color 51.3744, 0.3286, 0.3183 looks on a white background.

Color Contrast Check

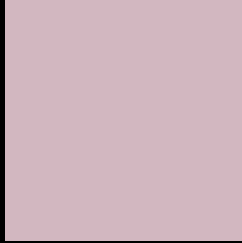
Large Text (above 18pt) WCAG AA × Fail

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 51.3744, 0.3286, 0.3183 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 51.3744, 0.3286, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 51.3744, 0.3286, 0.3183.



This preview shows how white text looks on a background with the Yxy color 51.3744, 0.3286, 0.3183.

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

51.3744, 0.3286, 0.3183

Protanopia

51.5418, 0.3106, 0.3216

Deuteranopia

51.3521, 0.3259, 0.3194



Tritanopia

51.3360, 0.3255, 0.3113

Trichromacy



Original Color

51.3744, 0.3286, 0.3183

Protanomaly

51.5778, 0.3173, 0.3205

Deuteranomaly

51.4966, 0.3267, 0.3195

Tritanomaly

51.2449, 0.3271, 0.3136

Monochromacy



Original Color

51.3744, 0.3286, 0.3183

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3431, 0.3187, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3744, 0.3286, 0.3183 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(210, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(210, 183, 192)  
}
```

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(210, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 183, 192) }
```

Border

The CSS property to change the border of an element to Yxy 51.3744, 0.3286, 0.3183 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(210, 183, 192) }
```

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

```
.border{ border-color:rgb(210, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(210, 183,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3744, 0.3286, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 183, 192) }
```

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

```
.background{ background-color: rgb(210,  
183, 192) }
```

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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