

Converting Colors

Yxy(51.9263, 0.3443, 0.3219)

Have a look what the booklet for
Yxy(51.9263, 0.3443, 0.3219)
contains.

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Color

Yxy(51.7600, 0.3436, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	DEB4BB
RGB	222, 180, 187
RGB Percent	87%, 71%, 73%
CMY	0.1296, 0.2940, 0.2667
CMYK	0.00, 0.19, 0.16, 0.13
HSL	350°, 39%, 79%
HSV	350°, 19%, 87%
XYZ	55.4042, 51.7600, 54.0819
YIQ	193.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

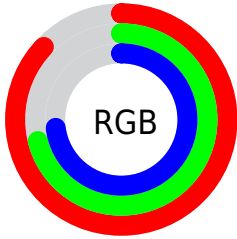
Format	Color
RYB	222, 180, 187
Decimal	14595259
CIELab	77.14, 16.22, 2.19
CIELCh	77, 16.369, 7.693
Yxy	51.7600, 0.3436, 0.3210
Android (android.graphics.Color)	4292785339 (0xFFDEB4BB)
YUV	193.3560, -3.1335, 25.1208
Hunter-Lab	71.9444, 11.5595, 5.7917

Details

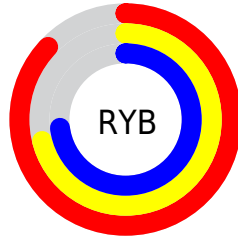
The Yxy color **51.7600, 0.3436, 0.3210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8297, 0.2886, 0.3372**, and the grayscale version is **53.5568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7220, 0.3211, 0.3222**, and **25.0070, 0.3516, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **42.7632, 0.3658, 0.3165**, and if you desaturate by 10%, it is **62.2985, 0.3257, 0.3254**.

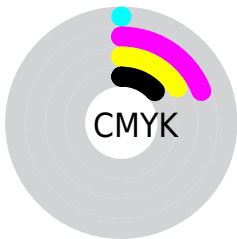
Distribution



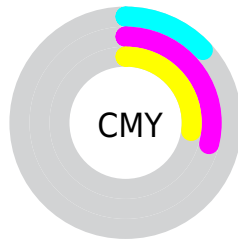
- Red (87%)
- Green (71%)
- Blue (73%)



- Red (87%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (13%)




- Cyan (13%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7600, 0.3436, 0.3210 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 51.7600, 0.3436, 0.3210 by changing the saturation by 10% instead.


 51.7600, 0.3436,
0.3210

 51.7600, 0.3436,
0.3210

393.5094, 0.3284,
0.3250

 36.8138, 0.3473,
0.3200


 92.7772, 0.3381,
0.3225

 25.0634, 0.3521,
0.3187


119.6170, 0.3360,
0.3230

 16.1243, 0.3584,
0.3169


151.1901, 0.3343,
0.3235

 9.6121, 0.3670,
0.3145

187.8809, 0.3328,
0.3239

 5.1426, 0.3797,
0.3109

230.0739, 0.3315,
0.3242

 2.3311, 0.4001,
0.3048

278.1534, 0.3303,

 0.7901, 0.4419,

0.3245

0.2945

332.5037, 0.3293,
0.3248

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7600, 0.3436,
0.3210

51.7600, 0.3436,
0.3210

42.7632, 0.3658,
0.3165

62.2985, 0.3257,
0.3254

35.2292, 0.3930,
0.3120

74.4391, 0.3113,
0.3294

29.0824, 0.4257,
0.3080

88.2473, 0.2996,
0.3332

24.2378, 0.4639,
0.3051

94.2624, 0.2929,
0.3289

■ 20.6011, 0.5060,
0.3041

■ 18.0649, 0.5486,
0.3057

■ 16.5031, 0.5867,
0.3103

■ 15.7220, 0.6154,
0.3172

■ 15.6554, 0.6180,
0.3178

Harmonies

Analogous

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



51.7600, 0.3236, 0.3047



51.7600, 0.3436, 0.3210



51.7600, 0.3552, 0.3398

Triad

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



51.7600, 0.3436, 0.3210



51.7600, 0.3231, 0.3667



51.7600, 0.2721, 0.3000

Complementary

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



51.7600, 0.3436, 0.3210



66.8297, 0.2886, 0.3372

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.



51.7600, 0.2720, 0.3158



51.7600, 0.3436, 0.3210



51.7600, 0.3009, 0.3553

Square

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



51.7600, 0.3436, 0.3210



51.7600, 0.3430, 0.3668



51.7600, 0.2824, 0.3363



51.7600, 0.2825, 0.2925

Rectangle

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



51.7600, 0.3436, 0.3210



51.7600, 0.3564, 0.3515



51.7600, 0.2824, 0.3363



51.7600, 0.2708, 0.3044

Sweetspot

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



51.7623, 0.3436, 0.3210



89.8292, 0.3213, 0.3266



52.3656, 0.3092, 0.2815



19.0007, 0.3223, 0.3263



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.



51.7623, 0.3436, 0.3210



65.3592, 0.3525, 0.3191



57.4025, 0.3467, 0.3452



13.7375, 0.3266, 0.3251



9.3143, 0.6151, 0.3162



0.6570, 0.5755, 0.2944

Inverse Universe

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



51.7623, 0.3436, 0.3210



65.3592, 0.3525, 0.3191



60.0784, 0.2835, 0.3122



13.7375, 0.3266, 0.3251



9.3143, 0.6151, 0.3162



0.6570, 0.5755, 0.2944

Previews

White Background



This preview shows how the Yxy color 51.7600, 0.3436, 0.3210 looks on a white background.

Color Contrast Check

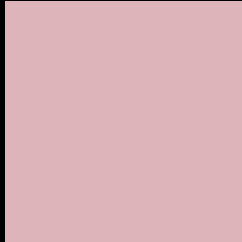
Large Text (above 18pt) WCAG AA × Fail

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 51.7600, 0.3436, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

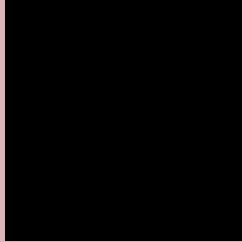
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7600, 0.3436, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 51.7600, 0.3436, 0.3210.



This preview shows how white text looks on a background with the Yxy color 51.7600, 0.3436, 0.3210.

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

51.7600, 0.3436, 0.3210

Protanopia

52.0146, 0.3129, 0.3253

Deuteranopia

51.6750, 0.3342, 0.3267



Tritanopia

51.7784, 0.3396, 0.3130

Trichromacy



Original Color

51.7600, 0.3436, 0.3210

Protanomaly

51.7168, 0.3239, 0.3230

Deuteranomaly

51.8592, 0.3378, 0.3255

Tritanomaly

51.6898, 0.3413, 0.3153

Monochromacy



Original Color

51.7600, 0.3436, 0.3210

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5654, 0.3237, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7600, 0.3436, 0.3210 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(222, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(222, 180, 187)  
}
```

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(222, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 180, 187) }
```

Border

The CSS property to change the border of an element to Yxy 51.7600, 0.3436, 0.3210 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(222, 180, 187) }
```

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

```
.border{ border-color:rgb(222, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(222, 180,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7600, 0.3436, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 180, 187) }
```

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

```
.background{ background-color: rgb(222,  
180, 187) }
```

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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