

Converting Colors

Yxy(51.6361, 0.3342, 0.3102)

Have a look what the booklet for
Yxy(51.6361, 0.3342, 0.3102)
contains.

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Color

Yxy(51.8437, 0.3343, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	DCB4C4
RGB	220, 180, 196
RGB Percent	86%, 71%, 77%
CMY	0.1372, 0.2941, 0.2315
CMYK	0.00, 0.18, 0.11, 0.14
HSL	336°, 36%, 78%
HSV	336°, 18%, 86%
XYZ	55.7996, 51.8437, 59.2714
YIQ	193.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

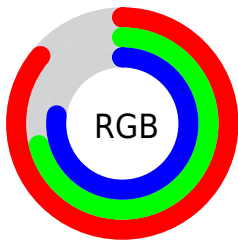
Format	Color
R_{YB}	220, 180, 196
Decimal	14464196
CIE _{Lab}	77.19, 17.00, -2.63
CIE _{LCh}	77, 17.199, 351.190
Yxy	51.8437, 0.3343, 0.3106
Android (android.graphics.Color)	4292654276 (0xFFDCB4C4)
YUV	193.7840, 1.0925, 22.9914
Hunter-Lab	72.0026, 12.3270, 1.5952

Details

The Yxy color **51.8437, 0.3343, 0.3106** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.2578, 0.2952, 0.3482**, and the grayscale version is **53.8005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3428, 0.3148, 0.3126**, and **25.1311, 0.3410, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **43.0808, 0.3499, 0.2998**, and if you desaturate by 10%, it is **62.0742, 0.3215, 0.3210**.

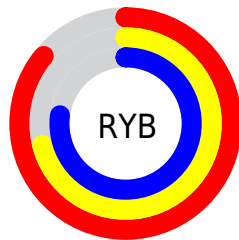
Distribution



Red (86%)

Green (71%)

Blue (77%)



Red (86%)

Yellow (71%)

Blue (77%)

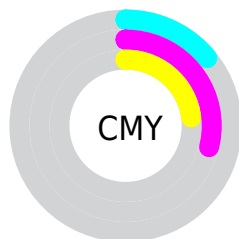


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (14%)



Cyan (14%)


Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8437, 0.3343, 0.3106 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 51.8437, 0.3343, 0.3106 by changing the saturation by 10% instead.


 51.8437, 0.3343,
0.3106

 51.8437, 0.3343,
0.3106


393.8329, 0.3238,
0.3195

 36.8805, 0.3369,
0.3084


 92.9007, 0.3305,
0.3138

 25.1150, 0.3401,
0.3057


119.7633, 0.3291,
0.3150

 16.1627, 0.3444,
0.3022

151.3611, 0.3279,
0.3160

 9.6394, 0.3502,
0.2973

188.0786, 0.3268,
0.3169

 5.1605, 0.3587,
0.2904

230.3001, 0.3259,
0.3177

 2.3418, 0.3721,
0.2795

278.4101, 0.3251,

 0.7957, 0.3968,

0.3184

0.2596

332.7929, 0.3244,
0.3190

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8437, 0.3343,
0.3106

51.8437, 0.3343,
0.3106

43.0808, 0.3499,
0.2998

62.0742, 0.3215,
0.3210

35.7108, 0.3686,
0.2891

73.8286, 0.3110,
0.3307

29.6630, 0.3908,
0.2789

87.1688, 0.3023,
0.3398

24.8574, 0.4166,
0.2703

93.5679, 0.2950,
0.3352

■ 21.2056, 0.4454,
0.2644

■ 93.9573, 0.2917,
0.3289

■ 18.6070, 0.4762,
0.2624

■ 16.9437, 0.5071,
0.2655

■ 16.0456, 0.5359,
0.2737

■ 15.9185, 0.5410,
0.2754

Harmonies

Analogous

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



51.8437, 0.3111, 0.2966



51.8437, 0.3343, 0.3106



51.8437, 0.3521, 0.3294

Triad

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



51.8437, 0.3343, 0.3106



51.8437, 0.3358, 0.3702



51.8437, 0.2687, 0.3067

Complementary

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



51.8437, 0.3343, 0.3106



65.2578, 0.2952, 0.3482

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.



51.8437, 0.2748, 0.3267



51.8437, 0.3343, 0.3106



51.8437, 0.3130, 0.3646

Square

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



51.8437, 0.3343, 0.3106



51.8437, 0.3527, 0.3639



51.8437, 0.2908, 0.3483



51.8437, 0.2738, 0.2938

Rectangle

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



51.8437, 0.3343, 0.3106



51.8437, 0.3580, 0.3425



51.8437, 0.2908, 0.3483



51.8437, 0.2695, 0.3128

Sweetspot

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



51.8460, 0.3343, 0.3106



91.6495, 0.3179, 0.3241



50.6510, 0.3018, 0.2823



19.3750, 0.3187, 0.3234



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.



51.8460, 0.3343, 0.3106



67.2966, 0.3402, 0.3063



52.7961, 0.3471, 0.3338



13.1372, 0.3229, 0.3197



9.3620, 0.5371, 0.2732



0.6232, 0.4939, 0.2495

Inverse Universe

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



51.8460, 0.3343, 0.3106



67.2966, 0.3402, 0.3063



63.9887, 0.2852, 0.3242



13.1372, 0.3229, 0.3197



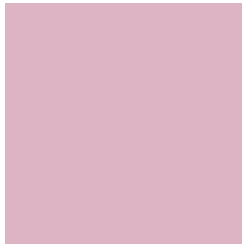
9.3620, 0.5371, 0.2732



0.6232, 0.4939, 0.2495

Previews

White Background



This preview shows how the Yxy color 51.8437, 0.3343, 0.3106 looks on a white background.

Color Contrast Check

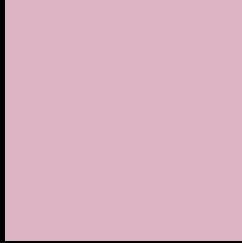
Large Text (above 18pt) WCAG AA × Fail

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 51.8437, 0.3343, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

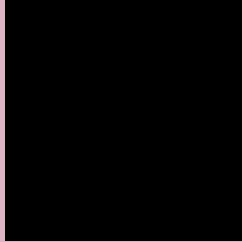
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8437, 0.3343, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 51.8437, 0.3343, 0.3106.



This preview shows how white text looks on a background with the Yxy color 51.8437, 0.3343, 0.3106.

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

51.8437, 0.3343, 0.3106

Protanopia

52.1675, 0.3046, 0.3142

Deuteranopia

51.9035, 0.3234, 0.3171



Tritanopia

51.7532, 0.3359, 0.3128

Trichromacy



Original Color

51.8437, 0.3343, 0.3106

Protanomaly

51.8445, 0.3152, 0.3122

Deuteranomaly

51.8042, 0.3278, 0.3149

Tritanomaly

51.7983, 0.3351, 0.3117

Monochromacy



Original Color

51.8437, 0.3343, 0.3106

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.0318, 0.3196, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8437, 0.3343, 0.3106 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(220, 180, 196)` looks like.

```
.text, #text, p{  
    color:rgb(220, 180, 196)  
}
```

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(220, 180, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 180, 196) }
```

Border

The CSS property to change the border of an element to Yxy 51.8437, 0.3343, 0.3106 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(220, 180, 196) }
```

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

```
.border{ border-color:rgb(220, 180, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 180, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 180, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 180, 196);  
box-shadow:4px 4px 4px 4px rgb(220, 180,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8437, 0.3343, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 180, 196) }
```

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

```
.background{ background-color: rgb(220,  
180, 196) }
```

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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