

Converting Colors

$Yxy(51.7874, 0.3357, 0.3070)$

Have a look what the booklet for
Yxy(51.7874, 0.3357, 0.3070)
contains.

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Color

Yxy(51.6060, 0.3355, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	DFB2C6
RGB	223, 178, 198
RGB Percent	87%, 70%, 78%
CMY	0.1254, 0.3019, 0.2237
CMYK	0.00, 0.20, 0.11, 0.13
HSL	333°, 41%, 79%
HSV	333°, 20%, 87%
XYZ	56.5441, 51.6060, 60.3868
YIQ	193.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

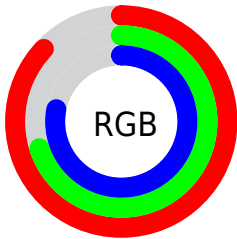
Format	Color
R _Y B	223, 178, 198
Decimal	14660294
CIE Lab	77.04, 19.47, -3.90
CIE LCh	77, 19.852, 348.675
Yxy	51.6060, 0.3355, 0.3062
Android (android.graphics.Color)	4292850374 (0xFFDFB2C6)
YUV	193.7350, 2.1026, 25.6654
Hunter-Lab	71.8373, 14.7845, 0.4467

Details

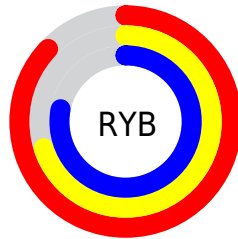
The Yxy color **51.6060, 0.3355, 0.3062** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5610, 0.2946, 0.3530**, and the grayscale version is **53.7632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **24.8963, 0.3414, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **42.8939, 0.3505, 0.2942**, and if you desaturate by 10%, it is **61.8123, 0.3231, 0.3178**.

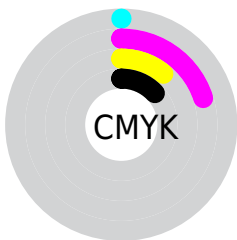
Distribution



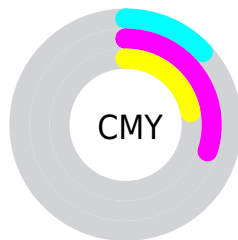
- Red (87%)
- Green (70%)
- Blue (78%)



- Red (87%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6060, 0.3355, 0.3062 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 51.6060, 0.3355, 0.3062 by changing the saturation by 10% instead.


 51.6060, 0.3355,
0.3062

 51.6060, 0.3355,
0.3062


392.9137, 0.3244,
0.3172

 36.6911, 0.3382,
0.3036


 92.5499, 0.3315,
0.3101

 24.9684, 0.3416,
0.3002


119.3477, 0.3300,
0.3116

 16.0535, 0.3461,
0.2959


150.8753, 0.3287,
0.3129

 9.5620, 0.3522,
0.2900

187.5171, 0.3276,
0.3140

 5.1096, 0.3610,
0.2816

229.6574, 0.3267,
0.3150

 2.3117, 0.3748,
0.2685

277.6807, 0.3258,

 0.7799, 0.4002,

0.3158

0.2449

331.9713, 0.3251,
0.3166

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6060, 0.3355,
0.3062

51.6060, 0.3355,
0.3062

42.8939, 0.3505,
0.2942

61.8123, 0.3231,
0.3178

35.5983, 0.3683,
0.2824

73.5717, 0.3129,
0.3288

29.6449, 0.3893,
0.2713

86.9487, 0.3045,
0.3391

24.9500, 0.4134,
0.2621

93.9625, 0.2975,
0.3364

■ 21.4202, 0.4401,
0.2558

■ 94.4297, 0.2935,
0.3289

■ 18.9489, 0.4684,
0.2539

■ 17.4096, 0.4965,
0.2573

■ 16.5890, 0.5226,
0.2653

Harmonies

Analogous

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



51.6060, 0.3084, 0.2908



51.6060, 0.3355, 0.3062



51.6060, 0.3570, 0.3273

Triad

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



51.6060, 0.3355, 0.3062



51.6060, 0.3412, 0.3766



51.6060, 0.2621, 0.3047

Complementary

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



51.6060, 0.3355, 0.3062



66.5610, 0.2946, 0.3530

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.



51.6060, 0.2701, 0.3283



51.6060, 0.3355, 0.3062



51.6060, 0.3152, 0.3715

Square

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



51.6060, 0.3355, 0.3062



51.6060, 0.3601, 0.3680



51.6060, 0.2893, 0.3534



51.6060, 0.2669, 0.2892

Rectangle

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



51.6060, 0.3355, 0.3062



51.6060, 0.3647, 0.3424



51.6060, 0.2893, 0.3534



51.6060, 0.2634, 0.3119

Sweetspot

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



51.6083, 0.3355, 0.3062



90.0874, 0.3186, 0.3224



49.8338, 0.2985, 0.2765



19.0616, 0.3193, 0.3217



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.



51.6083, 0.3355, 0.3062



64.9722, 0.3412, 0.3014



51.6500, 0.3523, 0.3317



13.8011, 0.3223, 0.3186



9.7750, 0.5190, 0.2632



0.6954, 0.4808, 0.2422

Inverse Universe

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



51.6083, 0.3355, 0.3062



64.9722, 0.3412, 0.3014



66.3806, 0.2825, 0.3263



13.8011, 0.3223, 0.3186



9.7750, 0.5190, 0.2632



0.6954, 0.4808, 0.2422

Previews

White Background



This preview shows how the Yxy color 51.6060, 0.3355, 0.3062 looks on a white background.

Color Contrast Check

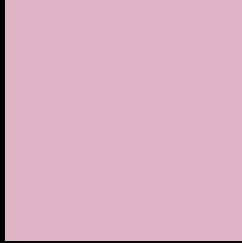
Large Text (above 18pt) WCAG AA × Fail

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 51.6060, 0.3355, 0.3062 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 51.6060, 0.3355, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 51.6060, 0.3355, 0.3062.



This preview shows how white text looks on a background with the Yxy color 51.6060, 0.3355, 0.3062.

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

51.6060, 0.3355, 0.3062

Protanopia

51.7501, 0.3016, 0.3093

Deuteranopia

51.8510, 0.3209, 0.3147



Tritanopia

51.6201, 0.3387, 0.3129

Trichromacy



Original Color

51.6060, 0.3355, 0.3062

Protanomaly

51.5187, 0.3137, 0.3086

Deuteranomaly

51.4842, 0.3263, 0.3113

Tritanomaly

51.7099, 0.3370, 0.3106

Monochromacy



Original Color

51.6060, 0.3355, 0.3062

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8857, 0.3214, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6060, 0.3355, 0.3062 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(223, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(223, 178, 198)  
}
```

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(223, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 178, 198) }
```

Border

The CSS property to change the border of an element to Yxy 51.6060, 0.3355, 0.3062 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(223, 178, 198) }
```

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

```
.border{ border-color:rgb(223, 178, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 178, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 178, 198);  
box-shadow:4px 4px 4px 4px rgb(223, 178,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6060, 0.3355, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 178, 198) }
```

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

```
.background{ background-color: rgb(223,  
178, 198) }
```

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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