

Converting Colors

Yxy(51.7629, 0.3397, 0.3244)

Have a look what the booklet for
Yxy(51.7629, 0.3397, 0.3244)
contains.

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Color

Yxy(51.7528, 0.3398, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	D9B6BA
RGB	217, 182, 186
RGB Percent	85%, 71%, 73%
CMY	0.1489, 0.2863, 0.2707
CMYK	0.00, 0.16, 0.14, 0.15
HSL	353°, 32%, 78%
HSV	353°, 16%, 85%
XYZ	54.2096, 51.7528, 53.5715
YIQ	192.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

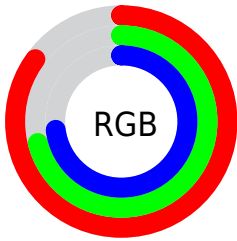
Format	Color
R_{YB}	217, 182, 186
Decimal	14268090
CIE _{Lab}	77.13, 13.22, 2.68
CIE _{LCh}	77, 13.486, 11.479
Yxy	51.7528, 0.3398, 0.3244
Android (android.graphics.Color)	4292458170 (0xFFD9B6BA)
YUV	192.9210, -3.4121, 21.1173
Hunter-Lab	71.9394, 8.6139, 6.2058

Details

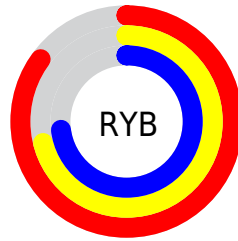
The Yxy color **51.7528, 0.3398, 0.3244** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.3911, 0.2909, 0.3337**, and the grayscale version is **53.2932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8199, 0.3216, 0.3251**, and **25.0754, 0.3474, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **42.7803, 0.3620, 0.3214**, and if you desaturate by 10%, it is **62.2177, 0.3219, 0.3273**.

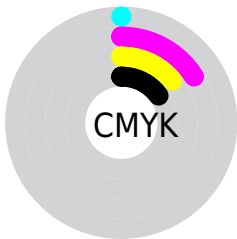
Distribution



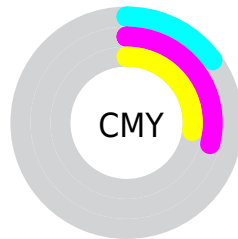
- Red (85%)
- Green (71%)
- Blue (73%)



- Red (85%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7528, 0.3398, 0.3244 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 51.7528, 0.3398, 0.3244 by changing the saturation by 10% instead.


 51.7528, 0.3398,
0.3244

 51.7528, 0.3398,
0.3244


393.4815, 0.3264,
0.3268

 36.8081, 0.3431,
0.3238

 92.7666, 0.3350,
0.3253

 25.0589, 0.3473,
0.3230


119.6044, 0.3332,
0.3256

 16.1210, 0.3528,
0.3220


151.1754, 0.3316,
0.3259

 9.6098, 0.3604,
0.3205

187.8639, 0.3303,
0.3261

 5.1410, 0.3716,
0.3182

230.0544, 0.3291,
0.3263

 2.3302, 0.3895,
0.3143

278.1313, 0.3281,

 0.7896, 0.4283,

0.3265

0.3088

332.4788, 0.3272,
0.3266

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7528, 0.3398,
0.3244

51.7528, 0.3398,
0.3244

42.7803, 0.3620,
0.3214

62.2177, 0.3219,
0.3273

35.2256, 0.3895,
0.3183

74.2312, 0.3075,
0.3300

29.0181, 0.4228,
0.3155

87.8554, 0.2959,
0.3325

24.0786, 0.4620,
0.3134

93.4958, 0.2900,
0.3289

■ 20.3193, 0.5057,
0.3126

■ 17.6414, 0.5503,
0.3136

■ 15.9301, 0.5903,
0.3167

■ 15.0423, 0.6196,
0.3217

■ 14.8245, 0.6279,
0.3232

Harmonies

Analogous

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



51.7528, 0.3240, 0.3103



51.7528, 0.3398, 0.3244



51.7528, 0.3482, 0.3400

Triad

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



51.7528, 0.3398, 0.3244



51.7528, 0.3191, 0.3591



51.7528, 0.2797, 0.3039

Complementary

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



51.7528, 0.3398, 0.3244



64.3911, 0.2909, 0.3337

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.



51.7528, 0.2785, 0.3163



51.7528, 0.3398, 0.3244



51.7528, 0.3009, 0.3489

Square

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



51.7528, 0.3398, 0.3244



51.7528, 0.3359, 0.3606



51.7528, 0.2862, 0.3329



51.7528, 0.2894, 0.2985

Rectangle

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



51.7528, 0.3398, 0.3244



51.7528, 0.3483, 0.3494



51.7528, 0.2862, 0.3329



51.7528, 0.2783, 0.3074

Sweetspot

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



51.7551, 0.3398, 0.3244



91.4265, 0.3202, 0.3276



52.6036, 0.3112, 0.2889



19.3210, 0.3213, 0.3274



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.



51.7551, 0.3398, 0.3244



70.4239, 0.3460, 0.3235



57.3545, 0.3407, 0.3447



13.0754, 0.3274, 0.3264



8.9793, 0.6256, 0.3220



0.5899, 0.5921, 0.3035

Inverse Universe

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



51.7551, 0.3398, 0.3244



70.4239, 0.3460, 0.3235



57.9515, 0.2877, 0.3127



13.0754, 0.3274, 0.3264



8.9793, 0.6256, 0.3220



0.5899, 0.5921, 0.3035

Previews

White Background



This preview shows how the Yxy color 51.7528, 0.3398, 0.3244 looks on a white background.

Color Contrast Check

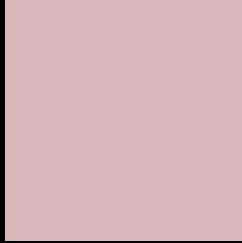
Large Text (above 18pt) WCAG AA × Fail

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 51.7528, 0.3398, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

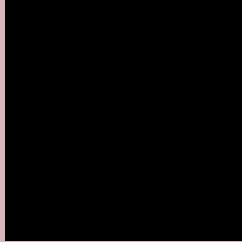
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7528, 0.3398, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 51.7528, 0.3398, 0.3244.



This preview shows how white text looks on a background with the Yxy color 51.7528, 0.3398, 0.3244.

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

51.7528, 0.3398, 0.3244

Protanopia

52.0140, 0.3160, 0.3290

Deuteranopia

51.6750, 0.3342, 0.3267



Tritanopia

51.8933, 0.3332, 0.3128

Trichromacy



Original Color

51.7528, 0.3398, 0.3244

Protanomaly

51.7713, 0.3237, 0.3266

Deuteranomaly

51.5583, 0.3361, 0.3255

Tritanomaly

51.7589, 0.3357, 0.3162

Monochromacy



Original Color

51.7528, 0.3398, 0.3244

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6695, 0.3227, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7528, 0.3398, 0.3244 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(217, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(217, 182, 186)  
}
```

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(217, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 182, 186) }
```

Border

The CSS property to change the border of an element to Yxy 51.7528, 0.3398, 0.3244 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(217, 182, 186) }
```

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

```
.border{ border-color:rgb(217, 182, 186) }
```

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

Here you see how a box with a 4 pixel rgb(217, 182, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(217, 182,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7528, 0.3398, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 182, 186) }
```

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

```
.background{ background-color: rgb(217,  
182, 186) }
```

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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