

Converting Colors

$Y_{xy}(53.1271, 0.3233, 0.3172)$

Have a look what the booklet for
Yxy(53.1271, 0.3233, 0.3172)
contains.

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Color

Yxy(53.1272, 0.3233, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	D1BBC5
RGB	209, 187, 197
RGB Percent	82%, 73%, 77%
CMY	0.1802, 0.2667, 0.2275
CMYK	0.00, 0.11, 0.06, 0.18
HSL	333°, 19%, 78%
HSV	333°, 11%, 82%
XYZ	54.1489, 53.1272, 60.2119
YIQ	194.7180, 9.9020, 7.7740

Conversions

Conversions Part 2

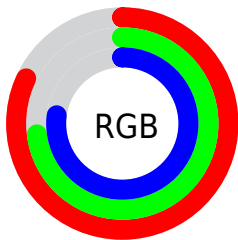
Format	Color
R _Y B	209, 187, 197
Decimal	13745093
CIE Lab	77.95, 9.54, -2.18
CIE LCh	78, 9.785, 347.135
Yxy	53.1272, 0.3233, 0.3172
Android (android.graphics.Color)	4291935173 (0xFFD1BBC5)
YUV	194.7180, 1.1250, 12.5253
Hunter-Lab	72.8884, 5.0531, 2.0434

Details

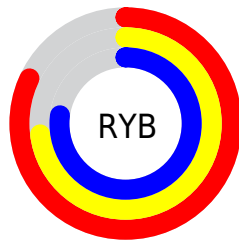
The Yxy color **53.1272, 0.3233, 0.3172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3098, 0.3033, 0.3411**, and the grayscale version is **54.3885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5169, 0.3139, 0.3185**, and **25.9034, 0.3258, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **44.3922, 0.3355, 0.3054**, and if you desaturate by 10%, it is **63.1975, 0.3132, 0.3284**.

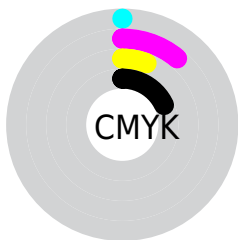
Distribution



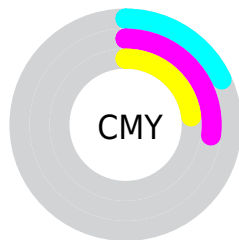
- Red (82%)
- Green (73%)
- Blue (77%)



- Red (82%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (18%)




- Cyan (18%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1272, 0.3233, 0.3172 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 53.1272, 0.3233, 0.3172 by changing the saturation by 10% instead.


 53.1272, 0.3233,
0.3172

 53.1272, 0.3233,
0.3172


398.7729, 0.3182,
0.3229

 37.9043, 0.3245,
0.3158


 94.7915, 0.3215,
0.3192

 25.9084, 0.3261,
0.3141

122.0017, 0.3208,
0.3200

 16.7552, 0.3282,
0.3118

153.9765, 0.3202,
0.3207

 10.0601, 0.3310,
0.3087

191.1003, 0.3196,
0.3213

 5.4388, 0.3351,
0.3042

233.7574, 0.3192,
0.3218

 2.5070, 0.3415,
0.2973

282.3323, 0.3188,

 0.8801, 0.3531,

0.3222

0.2849

337.2094, 0.3185,
0.3226

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1272, 0.3233,
0.3172

53.1272, 0.3233,
0.3172

44.3922, 0.3355,
0.3054

63.1975, 0.3132,
0.3284

36.9293, 0.3502,
0.2932

74.6493, 0.3049,
0.3389

30.6801, 0.3678,
0.2812

87.5349, 0.2981,
0.3485

25.5794, 0.3883,
0.2699

91.5348, 0.2920,
0.3417

■ 21.5554, 0.4119,
0.2605

■ 92.2462, 0.2859,
0.3298

■ 18.5283, 0.4379,
0.2542

■ 92.3009, 0.2855,
0.3289

■ 16.4070, 0.4655,
0.2521

■ 15.0834, 0.4929,
0.2553

■ 14.3818, 0.5177,
0.2626

Harmonies

Analogous

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



53.1272, 0.3101, 0.3095



53.1272, 0.3233, 0.3172



53.1272, 0.3338, 0.3279

Triad

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



53.1272, 0.3233, 0.3172



53.1272, 0.3274, 0.3520



53.1272, 0.2876, 0.3180

Complementary

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



53.1272, 0.3233, 0.3172



60.3098, 0.3033, 0.3411

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.



53.1272, 0.2921, 0.3296



53.1272, 0.3233, 0.3172



53.1272, 0.3149, 0.3495

Square

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



53.1272, 0.3233, 0.3172



53.1272, 0.3361, 0.3480



53.1272, 0.3020, 0.3413



53.1272, 0.2897, 0.3098

Rectangle

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



53.1272, 0.3233, 0.3172



53.1272, 0.3377, 0.3355



53.1272, 0.3020, 0.3413



53.1272, 0.2884, 0.3217

Sweetspot

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



53.1295, 0.3233, 0.3172



94.9492, 0.3155, 0.3257



52.2517, 0.3056, 0.3026



20.0413, 0.3163, 0.3248



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.



53.1295, 0.3233, 0.3172



79.5296, 0.3263, 0.3142



52.9994, 0.3312, 0.3299



11.8960, 0.3221, 0.3185



8.8830, 0.5142, 0.2606



0.5126, 0.4697, 0.2361

Inverse Universe

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



53.1295, 0.3233, 0.3172



79.5296, 0.3263, 0.3142



60.4294, 0.2966, 0.3281



11.8960, 0.3221, 0.3185



8.8830, 0.5142, 0.2606



0.5126, 0.4697, 0.2361

Previews

White Background



This preview shows how the Yxy color 53.1272, 0.3233, 0.3172 looks on a white background.

Color Contrast Check

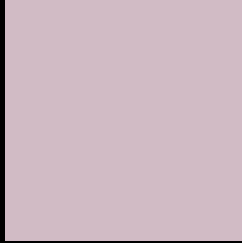
Large Text (above 18pt) WCAG AA × Fail

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 53.1272, 0.3233, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

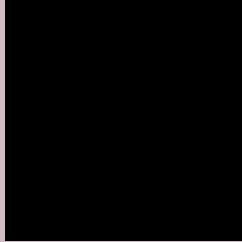
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1272, 0.3233, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 53.1272, 0.3233, 0.3172.



This preview shows how white text looks on a background with the Yxy color 53.1272, 0.3233, 0.3172.

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

53.1272, 0.3233, 0.3172

Protanopia

53.3387, 0.3084, 0.3192

Deuteranopia

53.1272, 0.3233, 0.3172



Tritanopia

53.0365, 0.3210, 0.3114

Trichromacy



Original Color

53.1272, 0.3233, 0.3172

Protanomaly

53.0925, 0.3132, 0.3181

Deuteranomaly

53.1272, 0.3233, 0.3172

Tritanomaly

52.9896, 0.3218, 0.3125

Monochromacy



Original Color

53.1272, 0.3233, 0.3172

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9642, 0.3162, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1272, 0.3233, 0.3172 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(209, 187, 197)` looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 197)  
}
```

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(209, 187, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.1272, 0.3233, 0.3172 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(209, 187, 197) }
```

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

```
.border{ border-color:rgb(209, 187, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 187, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 187, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 187, 197);  
box-shadow:4px 4px 4px 4px rgb(209, 187,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1272, 0.3233, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 197) }
```

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

```
.background{ background-color: rgb(209,  
187, 197) }
```

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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