

Converting Colors

Yxy(60.2653, 0.3243, 0.3189)

Have a look what the booklet for
Yxy(60.2653, 0.3243, 0.3189)
contains.

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Color

Yxy(60.2653, 0.3243, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	DDC6CF
RGB	221, 198, 207
RGB Percent	87%, 78%, 81%
CMY	0.1331, 0.2236, 0.1883
CMYK	0.00, 0.10, 0.06, 0.13
HSL	337°, 25%, 82%
HSV	337°, 10%, 87%
XYZ	61.2858, 60.2653, 67.4276
YIQ	205.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

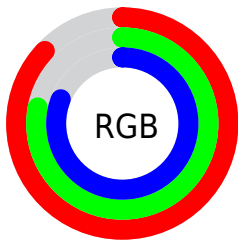
Format	Color
R_{YB}	221, 198, 207
Decimal	14534351
CIE _{Lab}	81.98, 9.62, -1.54
CIE _{LCh}	82, 9.745, 350.918
Yxy	60.2653, 0.3243, 0.3189
Android (android.graphics.Color)	4292724431 (0xFFDDC6CF)
YUV	205.9030, 0.5408, 13.2401
Hunter-Lab	77.6307, 5.0635, 2.8441

Details

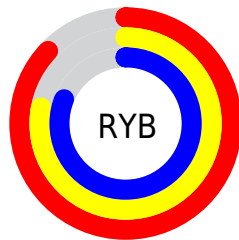
The Yxy color **60.2653, 0.3243, 0.3189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5003, 0.3024, 0.3393**, and the grayscale version is **61.6520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3534, 0.3271, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **50.2587, 0.3379, 0.3086**, and if you desaturate by 10%, it is **71.8082, 0.3132, 0.3286**.

Distribution



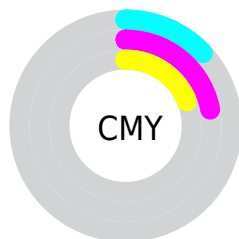
- Red (87%)
- Green (78%)
- Blue (81%)



- Red (87%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2653, 0.3243, 0.3189 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 60.2653, 0.3243, 0.3189 by changing the saturation by 10% instead.

60.2653, 0.3243,
0.3189

60.2653, 0.3243,
0.3189

425.5750, 0.3188,
0.3237

43.6325, 0.3256,
0.3178

105.2144, 0.3223,
0.3206

30.3817, 0.3272,
0.3163

134.2995, 0.3216,
0.3212

20.1285, 0.3294,
0.3145

168.3042, 0.3210,
0.3218

12.4885, 0.3322,
0.3121

207.6129, 0.3204,
0.3223

7.0773, 0.3362,
0.3086

252.6099, 0.3199,
0.3227

3.5105, 0.3423,
0.3034


303.6796, 0.3195,

1.4037, 0.3527,


0.3231

0.2947

361.2065, 0.3191,
0.3234


 0.2194, 0.4394,
0.2174


 0.0000, 0.0000,
0.0000


 60.2653, 0.3243,
0.3189


 60.2653, 0.3243,
0.3189


 50.2587, 0.3379,
0.3086

 71.8082, 0.3132,
0.3286


 41.7153, 0.3544,
0.2981

 84.9405, 0.3040,
0.3376

 34.5683, 0.3742,
0.2876

 93.6416, 0.2964,
0.3367

 28.7420, 0.3976,
0.2779

 94.1202, 0.2923,
0.3289

■ 24.1539, 0.4246,
0.2700

■ 20.7119, 0.4546,
0.2651

■ 18.3110, 0.4861,
0.2644

■ 16.8264, 0.5172,
0.2689

■ 16.0568, 0.5446,
0.2774

Harmonies

Analogous

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



60.2653, 0.3119, 0.3111



60.2653, 0.3243, 0.3189



60.2653, 0.3337, 0.3294

Triad

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



60.2653, 0.3243, 0.3189



60.2653, 0.3254, 0.3510



60.2653, 0.2886, 0.3173

Complementary

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



60.2653, 0.3243, 0.3189



68.5003, 0.3024, 0.3393

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.



60.2653, 0.2921, 0.3281



60.2653, 0.3243, 0.3189



60.2653, 0.3132, 0.3479

Square

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



60.2653, 0.3243, 0.3189



60.2653, 0.3343, 0.3479



60.2653, 0.3010, 0.3394



60.2653, 0.2914, 0.3100

Rectangle

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



60.2653, 0.3243, 0.3189



60.2653, 0.3369, 0.3366



60.2653, 0.3010, 0.3394



60.2653, 0.2891, 0.3207

Sweetspot

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



60.2679, 0.3243, 0.3189



94.9190, 0.3158, 0.3261



59.5776, 0.3068, 0.3029



20.0332, 0.3167, 0.3254



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.



60.2679, 0.3243, 0.3189



79.4090, 0.3277, 0.3162



60.9024, 0.3308, 0.3317



13.1353, 0.3231, 0.3199



9.3435, 0.5406, 0.2752



0.6219, 0.4969, 0.2511

Inverse Universe

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



60.2679, 0.3243, 0.3189



79.4090, 0.3277, 0.3162



67.7576, 0.2967, 0.3263



13.1353, 0.3231, 0.3199



9.3435, 0.5406, 0.2752



0.6219, 0.4969, 0.2511

Previews

White Background



This preview shows how the Yxy color 60.2653, 0.3243, 0.3189 looks on a white background.

Color Contrast Check

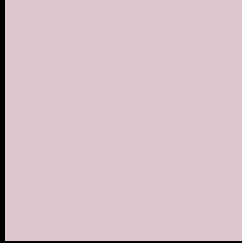
Large Text (above 18pt) WCAG AA × Fail

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 60.2653, 0.3243, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

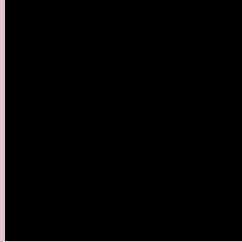
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2653, 0.3243, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 60.2653, 0.3243, 0.3189.



This preview shows how white text looks on a background with the Yxy color 60.2653, 0.3243, 0.3189.

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

60.2653, 0.3243, 0.3189

Protanopia

60.4868, 0.3100, 0.3209

Deuteranopia

60.4228, 0.3250, 0.3189



Tritanopia

60.2662, 0.3206, 0.3112

Trichromacy



Original Color

60.2653, 0.3243, 0.3189

Protanomaly

60.2256, 0.3147, 0.3198

Deuteranomaly

60.4228, 0.3250, 0.3189

Tritanomaly

60.1652, 0.3221, 0.3134

Monochromacy



Original Color

60.2653, 0.3243, 0.3189

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0170, 0.3167, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2653, 0.3243, 0.3189 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(221, 198, 207)` looks like.

```
.text, #text, p{  
    color:rgb(221, 198, 207)  
}
```

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(221, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 198, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.2653, 0.3243, 0.3189 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(221, 198, 207) }
```

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

```
.border{ border-color:rgb(221, 198, 207) }
```

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

Here you see how a box with a 4 pixel rgb(221, 198, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 198,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2653, 0.3243, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 198, 207) }
```

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

```
.background{ background-color: rgb(221,  
198, 207) }
```

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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