

Converting Colors

Yxy(53.4601, 0.3211, 0.3100)

Have a look what the booklet for
Yxy(53.4601, 0.3211, 0.3100)
contains.

Yxy(53.4267, 0.3211, 0.3092)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.4267, 0.3211, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	D4BACB
RGB	212, 186, 203
RGB Percent	83%, 73%, 80%
CMY	0.1687, 0.2705, 0.2040
CMYK	0.00, 0.12, 0.04, 0.17
HSL	321°, 23%, 78%
HSV	321°, 12%, 83%
XYZ	55.4829, 53.4267, 63.8805
YIQ	195.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

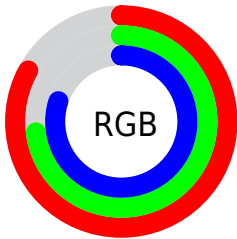
Format	Color
R _{YB}	212, 186, 203
Decimal	13941451
CIE Lab	78.13, 12.16, -5.14
CIE LCh	78, 13.199, 337.066
Yxy	53.4267, 0.3211, 0.3092
Android (android.graphics.Color)	4292131531 (0xFFD4BACB)
YUV	195.7120, 3.5930, 14.2846
Hunter-Lab	73.0936, 7.5797, -0.6513

Details

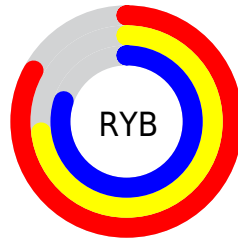
The Yxy color **53.4267, 0.3211, 0.3092** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4554, 0.3052, 0.3497**, and the grayscale version is **54.9935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.1131, 0.3229, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **44.8078, 0.3294, 0.2923**, and if you desaturate by 10%, it is **63.3918, 0.3141, 0.3255**.

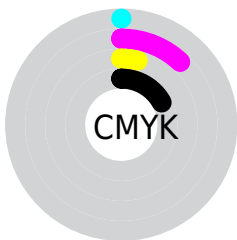
Distribution



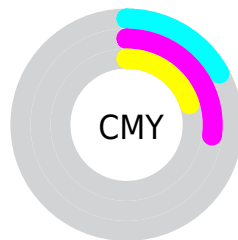
- Red (83%)
- Green (73%)
- Blue (80%)



- Red (83%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (17%)




- Cyan (17%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4267, 0.3211, 0.3092 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 53.4267, 0.3211, 0.3092 by changing the saturation by 10% instead.


 53.4267, 0.3211,
0.3092

 53.4267, 0.3211,
0.3092


399.9201, 0.3171,
0.3187

 38.1435, 0.3221,
0.3069


 95.2320, 0.3197,
0.3126

 26.0941, 0.3233,
0.3041


122.5228, 0.3191,
0.3139

 16.8940, 0.3248,
0.3004


154.5850, 0.3187,
0.3150

 10.1590, 0.3269,
0.2953

191.8030, 0.3183,
0.3159

 5.5045, 0.3299,
0.2882

234.5610, 0.3179,
0.3168

 2.5462, 0.3345,
0.2773

283.2437, 0.3176,

 0.8997, 0.3423,

0.3175

0.2585

338.2352, 0.3173,
0.3182

0.0000, 0.4268,
0.0000

0.0000, 0.0000,
0.0000

53.4267, 0.3211,
0.3092

53.4267, 0.3211,
0.3092

44.8078, 0.3294,
0.2923

63.3918, 0.3141,
0.3255

37.4696, 0.3390,
0.2751

74.7507, 0.3083,
0.3408

31.3518, 0.3501,
0.2583

87.5575, 0.3034,
0.3551

26.3866, 0.3627,
0.2428

91.3587, 0.2993,
0.3527

■ 22.4991, 0.3766,
0.2295

■ 91.7852, 0.2953,
0.3449

■ 19.6059, 0.3915,
0.2196

■ 92.2294, 0.2914,
0.3372

■ 17.6110, 0.4068,
0.2141

■ 92.6914, 0.2875,
0.3296

■ 16.3994, 0.4220,
0.2137

■ 92.7332, 0.2871,
0.3289

■ 15.8457, 0.4336,
0.2162

Harmonies

Analogous

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



53.4267, 0.3032, 0.3010



53.4267, 0.3211, 0.3092



53.4267, 0.3371, 0.3224

Triad

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



53.4267, 0.3211, 0.3092



53.4267, 0.3372, 0.3591



53.4267, 0.2802, 0.3189

Complementary

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



53.4267, 0.3211, 0.3092



61.4554, 0.3052, 0.3497

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.



53.4267, 0.2887, 0.3352



53.4267, 0.3211, 0.3092



53.4267, 0.3215, 0.3589

Square

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



53.4267, 0.3211, 0.3092



53.4267, 0.3465, 0.3510



53.4267, 0.3038, 0.3501



53.4267, 0.2800, 0.3061

Rectangle

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



53.4267, 0.3211, 0.3092



53.4267, 0.3443, 0.3325



53.4267, 0.3038, 0.3501



53.4267, 0.2821, 0.3242

Sweetspot

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



53.4290, 0.3211, 0.3092



93.4385, 0.3153, 0.3226



51.4347, 0.3002, 0.2977



19.7438, 0.3158, 0.3214



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.



53.4290, 0.3211, 0.3092



77.1533, 0.3234, 0.3043



52.8504, 0.3312, 0.3239



12.5563, 0.3190, 0.3139



9.8046, 0.4316, 0.2151



0.6067, 0.4077, 0.2019

Inverse Universe

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



53.4290, 0.3211, 0.3092



77.1533, 0.3234, 0.3043



62.0520, 0.2969, 0.3341



12.5563, 0.3190, 0.3139



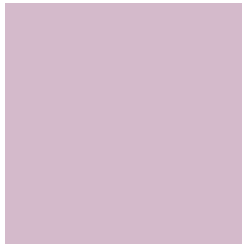
9.8046, 0.4316, 0.2151



0.6067, 0.4077, 0.2019

Previews

White Background



This preview shows how the Yxy color 53.4267, 0.3211, 0.3092 looks on a white background.

Color Contrast Check

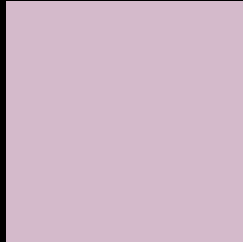
Large Text (above 18pt) WCAG AA × Fail

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 53.4267, 0.3211, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

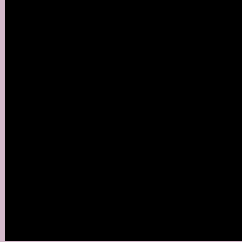
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4267, 0.3211, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 53.4267, 0.3211, 0.3092.



This preview shows how white text looks on a background with the Yxy color 53.4267, 0.3211, 0.3092.

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

53.4267, 0.3211, 0.3092

Protanopia

53.5417, 0.3025, 0.3108

Deuteranopia

53.6881, 0.3176, 0.3113



Tritanopia

53.3319, 0.3227, 0.3115

Trichromacy



Original Color

53.4267, 0.3211, 0.3092

Protanomaly

53.5625, 0.3088, 0.3099

Deuteranomaly

53.4078, 0.3185, 0.3102

Tritanomaly

53.3791, 0.3219, 0.3103

Monochromacy



Original Color

53.4267, 0.3211, 0.3092

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3794, 0.3155, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4267, 0.3211, 0.3092 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(212, 186, 203)` looks like.

```
.text, #text, p{  
    color:rgb(212, 186, 203)  
}
```

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(212, 186, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 186, 203) }
```

Border

The CSS property to change the border of an element to Yxy 53.4267, 0.3211, 0.3092 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(212, 186, 203) }
```

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

```
.border{ border-color:rgb(212, 186, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 186, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 186, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 186, 203);  
box-shadow:4px 4px 4px 4px rgb(212, 186,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4267, 0.3211, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 186, 203) }
```

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

```
.background{ background-color: rgb(212,  
186, 203) }
```

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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