

Converting Colors

$Y_{xy}(53.5837, 0.3110, 0.2929)$

Have a look what the booklet for
Yxy(53.5837, 0.3110, 0.2929)
contains.

Yxy(53.6528, 0.3111, 0.2934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.6528, 0.3111, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	D4B9D8
RGB	212, 185, 216
RGB Percent	83%, 73%, 85%
CMY	0.1687, 0.2745, 0.1529
CMYK	0.02, 0.14, 0.00, 0.15
HSL	292°, 28%, 79%
HSV	292°, 14%, 85%
XYZ	56.8895, 53.6528, 72.3234
YIQ	196.6070, 6.1410, 15.3650

Conversions

Conversions Part 2

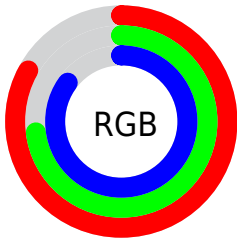
Format	Color
R _Y B	212, 185, 216
Decimal	13941208
CIE Lab	78.26, 15.09, -11.99
CIE LCh	78, 19.269, 321.529
Yxy	53.6528, 0.3111, 0.2934
Android (android.graphics.Color)	4292131288 (0xFFD4B9D8)
YUV	196.6070, 9.5607, 13.4997
Hunter-Lab	73.2481, 10.4513, -7.2679

Details

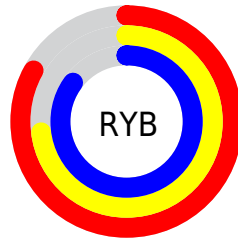
The Yxy color **53.6528, 0.3111, 0.2934** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.4395, 0.3139, 0.3666**, and the grayscale version is **55.5241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **26.2438, 0.3104, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **44.8796, 0.3096, 0.2676**, and if you desaturate by 10%, it is **63.8108, 0.3123, 0.3185**.

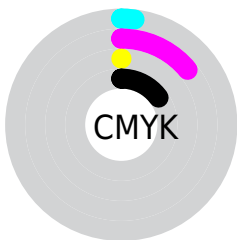
Distribution



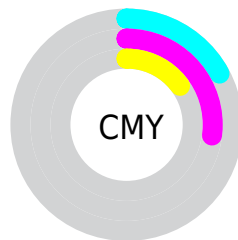
- Red (83%)
- Green (73%)
- Blue (85%)



- Red (83%)
- Yellow (73%)
- Blue (85%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)





- Cyan (17%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6528, 0.3111, 0.2934 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 53.6528, 0.3111, 0.2934 by changing the saturation by 10% instead.


 53.6528, 0.3111,
0.2934

 53.6528, 0.3111,
0.2934


400.7846, 0.3121,
0.3103

 38.3242, 0.3108,
0.2894


 95.5643, 0.3115,
0.2994

 26.2344, 0.3104,
0.2845


122.9159, 0.3116,
0.3017

 16.9991, 0.3099,
0.2781


155.0439, 0.3117,
0.3036

 10.2338, 0.3090,
0.2696

192.3328, 0.3118,
0.3053

 5.5543, 0.3077,
0.2577

235.1669, 0.3119,
0.3068

 2.5760, 0.3053,
0.2399

283.9307, 0.3120,

 0.9146, 0.3002,

0.3081

0.2108

339.0085, 0.3120,
0.3093

0.0000, 0.2276,
0.0000

0.0000, 0.0000,
0.0000

53.6528, 0.3111,
0.2934

53.6528, 0.3111,
0.2934

44.8796, 0.3096,
0.2676

63.8108, 0.3123,
0.3185

37.4225, 0.3077,
0.2419

75.4045, 0.3132,
0.3423

31.2173, 0.3054,
0.2171

88.4908, 0.3138,
0.3646

26.1918, 0.3027,
0.1942

92.1976, 0.3153,
0.3696

■ 22.2661, 0.2998,
0.1742

■ 92.6475, 0.3170,
0.3694

■ 19.3506, 0.2966,
0.1580

■ 93.1049, 0.3188,
0.3692

■ 17.3416, 0.2933,
0.1462

■ 93.5697, 0.3206,
0.3689

■ 16.1127, 0.2899,
0.1388

■ 94.0420, 0.3224,
0.3687

■ 15.6420, 0.2880,
0.1360

■ 94.5218, 0.3242,
0.3685

Harmonies

Analogous

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



53.6528, 0.2867, 0.2864



53.6528, 0.3111, 0.2934



53.6528, 0.3369, 0.3089

Triad

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



53.6528, 0.3111, 0.2934



53.6528, 0.3569, 0.3677



53.6528, 0.2706, 0.3260

Complementary

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



53.6528, 0.3111, 0.2934



63.4395, 0.3139, 0.3666

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.



53.6528, 0.2882, 0.3502



53.6528, 0.3111, 0.2934



53.6528, 0.3379, 0.3747

Square

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



53.6528, 0.3111, 0.2934



53.6528, 0.3639, 0.3509



53.6528, 0.3127, 0.3685



53.6528, 0.2641, 0.3040

Rectangle

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



53.6528, 0.3111, 0.2934



53.6528, 0.3511, 0.3223



53.6528, 0.3127, 0.3685



53.6528, 0.2754, 0.3342

Sweetspot

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



53.6551, 0.3111, 0.2934



93.4134, 0.3123, 0.3192



51.7318, 0.2899, 0.2962



19.7374, 0.3122, 0.3174



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.



53.6551, 0.3111, 0.2934



74.3397, 0.3107, 0.2862



53.6932, 0.3232, 0.3064



12.5471, 0.3117, 0.3059



9.2919, 0.2885, 0.1363



0.5837, 0.2945, 0.1396

Inverse Universe

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



52.9786, 0.3359, 0.3243



73.1966, 0.3413, 0.3234



63.4310, 0.3035, 0.3527



12.4468, 0.3271, 0.3260



8.6998, 0.6224, 0.3203



0.5335, 0.5836, 0.2989

Previews

White Background



This preview shows how the Yxy color 53.6528, 0.3111, 0.2934 looks on a white background.

Color Contrast Check

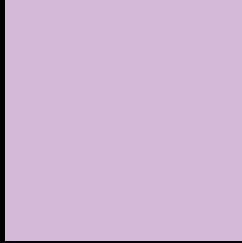
Large Text (above 18pt) WCAG AA × Fail

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 53.6528, 0.3111, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

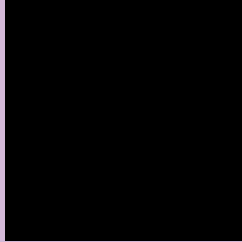
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6528, 0.3111, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 53.6528, 0.3111, 0.2934.



This preview shows how white text looks on a background with the Yxy color 53.6528, 0.3111, 0.2934.

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

53.6528, 0.3111, 0.2934

Protanopia

53.7385, 0.2896, 0.2943

Deuteranopia

53.4293, 0.3038, 0.2972



Tritanopia

53.5066, 0.3202, 0.3114

Trichromacy



Original Color

53.6528, 0.3111, 0.2934

Protanomaly

53.3800, 0.2970, 0.2935

Deuteranomaly

53.5688, 0.3070, 0.2963

Tritanomaly

53.4717, 0.3172, 0.3046

Monochromacy



Original Color

53.6528, 0.3111, 0.2934

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0561, 0.3117, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6528, 0.3111, 0.2934 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, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(212, 185, 216)  
}
```

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, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 185, 216) }
```

Border

The CSS property to change the border of an element to Yxy 53.6528, 0.3111, 0.2934 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, 185, 216) }
```

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

```
.border{ border-color:rgb(212, 185, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(212, 185,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6528, 0.3111, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 185, 216) }
```

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

```
.background{ background-color: rgb(212,  
185, 216) }
```

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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