

Converting Colors

Yxy(53.6950, 0.3163, 0.2888)

Have a look what the booklet for
Yxy(53.6950, 0.3163, 0.2888)
contains.

Yxy(53.7335, 0.3163, 0.2885)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.7335, 0.3163, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	DCB6DA
RGB	220, 182, 218
RGB Percent	86%, 71%, 85%
CMY	0.1370, 0.2863, 0.1450
CMYK	0.00, 0.17, 0.01, 0.14
HSL	303°, 35%, 79%
HSV	303°, 17%, 86%
XYZ	58.9113, 53.7335, 73.6065
YIQ	197.4660, 11.0920, 19.2520

Conversions

Conversions Part 2

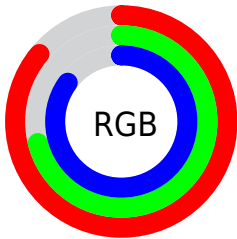
Format	Color
R_{YB}	220, 182, 218
Decimal	14464730
CIE _{Lab}	78.31, 19.82, -12.93
CIE _{LCh}	78, 23.663, 326.871
Yxy	53.7335, 0.3163, 0.2885
Android (android.graphics.Color)	4292654810 (0xFFDCB6DA)
YUV	197.4660, 10.1233, 19.7623
Hunter-Lab	73.3031, 15.1740, -8.2232

Details

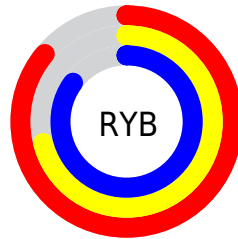
The Yxy color **53.7335, 0.3163, 0.2885** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6191, 0.3092, 0.3731**, and the grayscale version is **56.0680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **26.3442, 0.3173, 0.2788** is the 20% darker color. If you saturate the color by 10%, you get **45.3593, 0.3186, 0.2647**, and if you desaturate by 10%, it is **63.5290, 0.3142, 0.3122**.

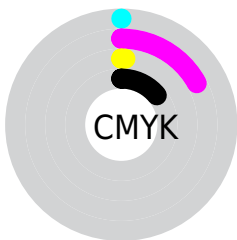
Distribution



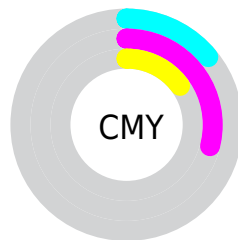
- Red (86%)
- Green (71%)
- Blue (85%)



- Red (86%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7335, 0.3163, 0.2885 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 53.7335, 0.3163, 0.2885 by changing the saturation by 10% instead.

 53.7335, 0.3163,
0.2885

 53.7335, 0.3163,
0.2885


401.0929, 0.3148,
0.3076

 38.3886, 0.3166,
0.2840


 95.6828, 0.3158,
0.2952

 26.2845, 0.3169,
0.2785


123.0561, 0.3156,
0.2978

 17.0366, 0.3173,
0.2714


155.2076, 0.3155,
0.3000

 10.2606, 0.3177,
0.2619

192.5218, 0.3153,
0.3019

 5.5721, 0.3180,
0.2488

235.3830, 0.3152,
0.3036

 2.5867, 0.3182,
0.2295

284.1757, 0.3150,

 0.9200, 0.3172,

0.3051

0.1985

339.2842, 0.3149,
0.3064

0.0000, 0.3038,
0.0000

0.0000, 0.0000,
0.0000

53.7335, 0.3163,
0.2885

53.7335, 0.3163,
0.2885

45.3593, 0.3186,
0.2647

63.5290, 0.3142,
0.3122

38.3334, 0.3211,
0.2415

74.8004, 0.3122,
0.3351

32.5870, 0.3236,
0.2198

87.6082, 0.3105,
0.3568

28.0422, 0.3261,
0.2006

92.0570, 0.3095,
0.3626

■ 24.6130, 0.3285,
0.1848

■ 92.1206, 0.3088,
0.3613

■ 22.2017, 0.3307,
0.1731

■ 92.1847, 0.3082,
0.3601

■ 20.6937, 0.3327,
0.1657

■ 92.2492, 0.3075,
0.3588

■ 19.9363, 0.3345,
0.1624

■ 92.3142, 0.3068,
0.3576

■ 19.7917, 0.3350,
0.1619

■ 92.3796, 0.3062,
0.3563

Harmonies

Analogous

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



53.7335, 0.2856, 0.2779



53.7335, 0.3163, 0.2885



53.7335, 0.3474, 0.3085

Triad

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



53.7335, 0.3163, 0.2885



53.7335, 0.3636, 0.3789



53.7335, 0.2589, 0.3197

Complementary

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



53.7335, 0.3163, 0.2885



64.6191, 0.3092, 0.3731

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.



53.7335, 0.2780, 0.3500



53.7335, 0.3163, 0.2885



53.7335, 0.3381, 0.3854

Square

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



53.7335, 0.3163, 0.2885



53.7335, 0.3754, 0.3595



53.7335, 0.3067, 0.3749



53.7335, 0.2537, 0.2941

Rectangle

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



53.7335, 0.3163, 0.2885



53.7335, 0.3637, 0.3252



53.7335, 0.3067, 0.3749



53.7335, 0.2639, 0.3297

Sweetspot

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



53.7358, 0.3163, 0.2885



92.0893, 0.3137, 0.3174



48.7956, 0.2859, 0.2825



19.4821, 0.3138, 0.3158



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.



53.7358, 0.3163, 0.2885



70.2802, 0.3172, 0.2793



52.8019, 0.3315, 0.3093



13.2622, 0.3146, 0.3072



11.6146, 0.3347, 0.1618



0.7562, 0.3323, 0.1604

Inverse Universe

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



53.7358, 0.3163, 0.2885



70.2802, 0.3172, 0.2793



65.4656, 0.2972, 0.3496



13.2622, 0.3146, 0.3072



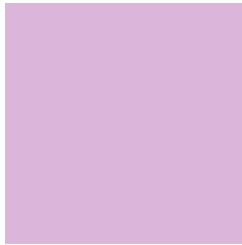
11.6146, 0.3347, 0.1618



0.7562, 0.3323, 0.1604

Previews

White Background



This preview shows how the Yxy color 53.7335, 0.3163, 0.2885 looks on a white background.

Color Contrast Check

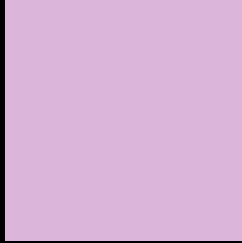
Large Text (above 18pt) WCAG AA × Fail

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 53.7335, 0.3163, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

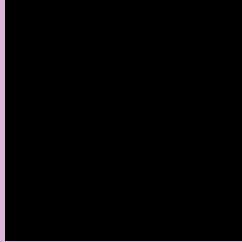
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7335, 0.3163, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 53.7335, 0.3163, 0.2885.



This preview shows how white text looks on a background with the Yxy color 53.7335, 0.3163, 0.2885.

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

53.7335, 0.3163, 0.2885

Protanopia

53.8269, 0.2862, 0.2897

Deuteranopia

53.9615, 0.3023, 0.2962



Tritanopia

53.6198, 0.3278, 0.3117

Trichromacy



Original Color

53.7335, 0.3163, 0.2885

Protanomaly

53.5197, 0.2972, 0.2892

Deuteranomaly

53.6829, 0.3079, 0.2932

Tritanomaly

53.6914, 0.3231, 0.3027

Monochromacy



Original Color

53.7335, 0.3163, 0.2885

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0862, 0.3134, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7335, 0.3163, 0.2885 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(220, 182, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 182, 218)  
}
```

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(220, 182, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 182, 218) }
```

Border

The CSS property to change the border of an element to Yxy 53.7335, 0.3163, 0.2885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

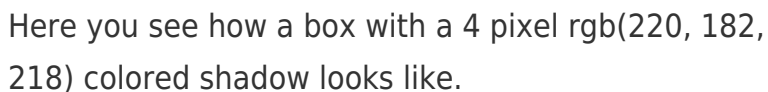
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 182, 218) }
```

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

```
.border{ border-color:rgb(220, 182, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 182, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 182, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 182, 218); box-shadow:4px 4px 4px 4px rgb(220, 182, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7335, 0.3163, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 182, 218) }
```

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

```
.background{ background-color: rgb(220,  
182, 218) }
```

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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