

Converting Colors

$Y_{xy}(53.2120, 0.3201, 0.2970)$

Have a look what the booklet for
Yxy(53.2120, 0.3201, 0.2970)
contains.

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Color

Yxy(53.4755, 0.3200, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	DAB7D3
RGB	218, 183, 211
RGB Percent	85%, 72%, 83%
CMY	0.1452, 0.2823, 0.1725
CMYK	0.00, 0.16, 0.03, 0.15
HSL	312°, 32%, 79%
HSV	312°, 16%, 85%
XYZ	57.5973, 53.4755, 68.9188
YIQ	196.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

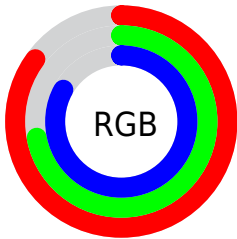
Format	Color
R _Y B	218, 183, 211
Decimal	14333907
CIE Lab	78.15, 17.27, -9.38
CIE LCh	78, 19.659, 331.486
Yxy	53.4755, 0.3200, 0.2971
Android (android.graphics.Color)	4292523987 (0xFFDAB7D3)
YUV	196.6570, 7.0711, 18.7178
Hunter-Lab	73.1269, 12.6206, -4.6892

Details

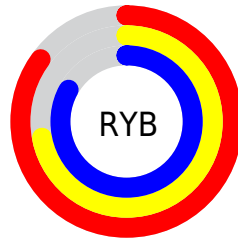
The Yxy color $53.4755, 0.3200, 0.2971$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $63.9104, 0.3062, 0.3631$, and the grayscale version is $55.5682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $26.1521, 0.3225, 0.2899$ is the 20% darker color. If you saturate the color by 10%, you get $44.9560, 0.3254, 0.2765$, and if you desaturate by 10%, it is $63.3979, 0.3153, 0.3172$.

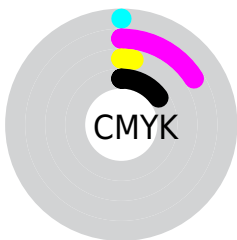
Distribution



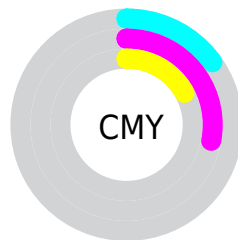
- Red (85%)
- Green (72%)
- Blue (83%)



- Red (85%)
- Yellow (72%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4755, 0.3200, 0.2971 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 53.4755, 0.3200, 0.2971 by changing the saturation by 10% instead.

 53.4755, 0.3200,
0.2971

 53.4755, 0.3200,
0.2971


400.1068, 0.3166,
0.3123

 38.1825, 0.3208,
0.2935


 95.3037, 0.3188,
0.3025

 26.1244, 0.3217,
0.2890


122.6077, 0.3184,
0.3045

 16.9167, 0.3229,
0.2833


154.6841, 0.3180,
0.3063

 10.1751, 0.3245,
0.2756

191.9174, 0.3176,
0.3078

 5.5152, 0.3266,
0.2648

234.6919, 0.3173,
0.3091

 2.5526, 0.3296,
0.2486

283.3920, 0.3171,

 0.9029, 0.3340,

0.3103

0.2217

338.4022, 0.3168,
0.3114

0.0000, 0.3441,
0.0000

0.0000, 0.0000,
0.0000

53.4755, 0.3200,
0.2971

53.4755, 0.3200,
0.2971

44.9560, 0.3254,
0.2765

63.3979, 0.3153,
0.3172

37.7685, 0.3316,
0.2561

74.7761, 0.3112,
0.3365

31.8464, 0.3384,
0.2367

87.6685, 0.3077,
0.3547

27.1146, 0.3458,
0.2192

92.0415, 0.3051,
0.3567

■ 23.4901, 0.3535,
0.2046

■ 92.2861, 0.3026,
0.3521

■ 20.8791, 0.3613,
0.1940

■ 92.5367, 0.3003,
0.3475

■ 19.1724, 0.3691,
0.1878

■ 92.7935, 0.2979,
0.3430

■ 18.2341, 0.3765,
0.1862

■ 93.0564, 0.2955,
0.3384

■ 17.9785, 0.3794,
0.1864

■ 93.3256, 0.2932,
0.3340

Harmonies

Analogous

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



53.4755, 0.2938, 0.2868



53.4755, 0.3200, 0.2971



53.4755, 0.3451, 0.3151

Triad

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



53.4755, 0.3200, 0.2971



53.4755, 0.3525, 0.3723



53.4755, 0.2662, 0.3178

Complementary

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



53.4755, 0.3200, 0.2971



63.9104, 0.3062, 0.3631

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.



53.4755, 0.2807, 0.3427



53.4755, 0.3200, 0.2971



53.4755, 0.3302, 0.3752

Square

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



53.4755, 0.3200, 0.2971



53.4755, 0.3642, 0.3578



53.4755, 0.3039, 0.3643



53.4755, 0.2636, 0.2976

Rectangle

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



53.4755, 0.3200, 0.2971



53.4755, 0.3574, 0.3295



53.4755, 0.3039, 0.3643



53.4755, 0.2698, 0.3260

Sweetspot

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



53.4778, 0.3200, 0.2971



91.9708, 0.3148, 0.3192



49.8076, 0.2917, 0.2867



19.4532, 0.3151, 0.3178



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.



53.4778, 0.3200, 0.2971



72.2822, 0.3216, 0.2907



52.6731, 0.3337, 0.3162



13.2281, 0.3168, 0.3105



10.7906, 0.3784, 0.1858



0.7106, 0.3673, 0.1797

Inverse Universe

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



53.4778, 0.3200, 0.2971



72.2822, 0.3216, 0.2907



64.6938, 0.2954, 0.3422



13.2281, 0.3168, 0.3105



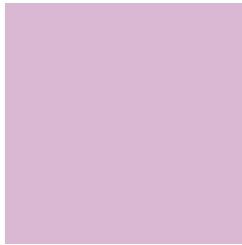
10.7906, 0.3784, 0.1858



0.7106, 0.3673, 0.1797

Previews

White Background



This preview shows how the Yxy color 53.4755, 0.3200, 0.2971 looks on a white background.

Color Contrast Check

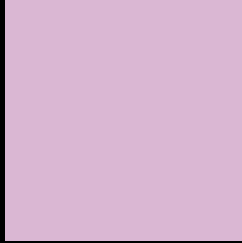
Large Text (above 18pt) WCAG AA × Fail

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 53.4755, 0.3200, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

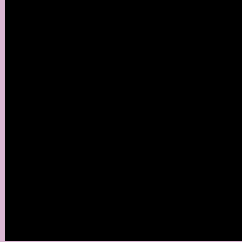
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4755, 0.3200, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 53.4755, 0.3200, 0.2971.



This preview shows how white text looks on a background with the Yxy color 53.4755, 0.3200, 0.2971.

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

53.4755, 0.3200, 0.2971

Protanopia

53.6562, 0.2931, 0.2989

Deuteranopia

53.5987, 0.3099, 0.3031



Tritanopia

53.4204, 0.3277, 0.3128

Trichromacy



Original Color

53.4755, 0.3200, 0.2971

Protanomaly

53.5808, 0.3022, 0.2983

Deuteranomaly

53.4726, 0.3140, 0.3011

Tritanomaly

53.3445, 0.3255, 0.3071

Monochromacy



Original Color

53.4755, 0.3200, 0.2971

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9427, 0.3157, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4755, 0.3200, 0.2971 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(218, 183, 211)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 211)  
}
```

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(218, 183, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.4755, 0.3200, 0.2971 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(218, 183, 211) }
```

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

```
.border{ border-color:rgb(218, 183, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 183, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 183, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 183, 211);  
box-shadow:4px 4px 4px 4px rgb(218, 183,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4755, 0.3200, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 211) }
```

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

```
.background{ background-color: rgb(218,  
183, 211) }
```

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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