

Converting Colors

Yxy(53.7744, 0.3283, 0.3121)

Have a look what the booklet for
Yxy(53.7744, 0.3283, 0.3121)
contains.

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Color

Yxy(53.7735, 0.3286, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	DAB9C8
RGB	218, 185, 200
RGB Percent	85%, 73%, 78%
CMY	0.1451, 0.2745, 0.2156
CMYK	0.00, 0.15, 0.08, 0.15
HSL	333°, 31%, 79%
HSV	333°, 15%, 85%
XYZ	56.6890, 53.7735, 62.0543
YIQ	196.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

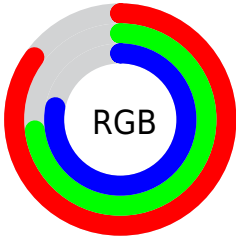
Format	Color
R _Y B	218, 185, 200
Decimal	14334408
CIE Lab	78.33, 14.29, -3.18
CIE LCh	78, 14.636, 347.444
Yxy	53.7735, 0.3286, 0.3117
Android (android.graphics.Color)	4292524488 (0xFFDAB9C8)
YUV	196.5770, 1.6875, 18.7880
Hunter-Lab	73.3304, 9.6635, 1.1584

Details

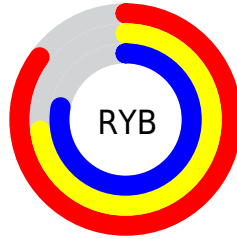
The Yxy color $53.7735, 0.3286, 0.3117$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $64.7645, 0.2992, 0.3470$, and the grayscale version is $55.5514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $26.3644, 0.3331, 0.3077$ is the 20% darker color. If you saturate the color by 10%, you get $44.8096, 0.3419, 0.2996$, and if you desaturate by 10%, it is $64.1836, 0.3176, 0.3233$.

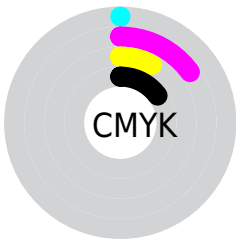
Distribution



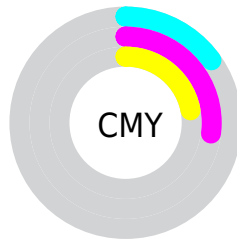
- Red (85%)
- Green (73%)
- Blue (78%)



- Red (85%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7735, 0.3286, 0.3117 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 53.7735, 0.3286, 0.3117 by changing the saturation by 10% instead.

 53.7735, 0.3286,
0.3117

 53.7735, 0.3286,
0.3117


401.2457, 0.3209,
0.3200

 38.4206, 0.3305,
0.3097

 95.7416, 0.3259,
0.3147

 26.3093, 0.3328,
0.3072


123.1256, 0.3248,
0.3158

 17.0552, 0.3359,
0.3039


155.2888, 0.3239,
0.3168

 10.2738, 0.3400,
0.2995

192.6155, 0.3231,
0.3176

 5.5809, 0.3460,
0.2932

235.4901, 0.3225,
0.3183

 2.5920, 0.3553,
0.2835

284.2971, 0.3219,

 0.9226, 0.3718,

0.3190

0.2667

339.4208, 0.3214,
0.3195

0.0000, 0.8913,
0.0000

0.0000, 0.0000,
0.0000

53.7735, 0.3286,
0.3117

53.7735, 0.3286,
0.3117

44.8096, 0.3419,
0.2996

64.1836, 0.3176,
0.3233

37.2204, 0.3579,
0.2873

76.0930, 0.3085,
0.3342

30.9387, 0.3768,
0.2754

89.5612, 0.3011,
0.3443

25.8891, 0.3987,
0.2648

93.1712, 0.2946,
0.3366

■ 21.9882, 0.4235,
0.2566

■ 93.6444, 0.2906,
0.3289

■ 19.1424, 0.4503,
0.2521

■ 17.2429, 0.4779,
0.2524

■ 16.1566, 0.5047,
0.2582

■ 15.8112, 0.5172,
0.2623

Harmonies

Analogous

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



53.7735, 0.3089, 0.3005



53.7735, 0.3286, 0.3117



53.7735, 0.3443, 0.3273

Triad

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



53.7735, 0.3286, 0.3117



53.7735, 0.3343, 0.3634



53.7735, 0.2756, 0.3122

Complementary

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



53.7735, 0.3286, 0.3117



64.7645, 0.2992, 0.3470

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.



53.7735, 0.2820, 0.3295



53.7735, 0.3286, 0.3117



53.7735, 0.3156, 0.3599

Square

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



53.7735, 0.3286, 0.3117



53.7735, 0.3476, 0.3572



53.7735, 0.2965, 0.3472



53.7735, 0.2788, 0.3003

Rectangle

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



53.7735, 0.3286, 0.3117



53.7735, 0.3501, 0.3385



53.7735, 0.2965, 0.3472



53.7735, 0.2767, 0.3176

Sweetspot

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



53.7759, 0.3286, 0.3117



91.6941, 0.3175, 0.3234



52.4016, 0.3021, 0.2903



19.3859, 0.3182, 0.3226



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.



53.7759, 0.3286, 0.3117



72.6237, 0.3324, 0.3081



53.5691, 0.3407, 0.3304



13.1497, 0.3221, 0.3184



9.4943, 0.5137, 0.2603



0.6323, 0.4742, 0.2386

Inverse Universe

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



53.7759, 0.3286, 0.3117



72.6237, 0.3324, 0.3081



64.9475, 0.2898, 0.3276



13.1497, 0.3221, 0.3184



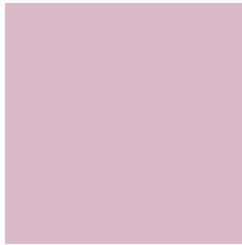
9.4943, 0.5137, 0.2603



0.6323, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 53.7735, 0.3286, 0.3117 looks on a white background.

Color Contrast Check

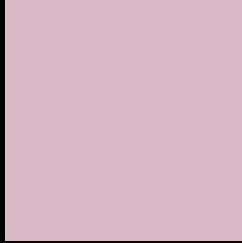
Large Text (above 18pt) WCAG AA × Fail

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 53.7735, 0.3286, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

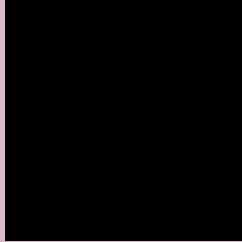
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7735, 0.3286, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 53.7735, 0.3286, 0.3117.



This preview shows how white text looks on a background with the Yxy color 53.7735, 0.3286, 0.3117.

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

53.7735, 0.3286, 0.3117

Protanopia

54.0170, 0.3047, 0.3145

Deuteranopia

53.7916, 0.3224, 0.3161



Tritanopia

53.7735, 0.3286, 0.3117

Trichromacy



Original Color

53.7735, 0.3286, 0.3117

Protanomaly

53.8352, 0.3134, 0.3135

Deuteranomaly

53.8103, 0.3250, 0.3150

Tritanomaly

53.7735, 0.3286, 0.3117

Monochromacy



Original Color

53.7735, 0.3286, 0.3117

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1963, 0.3186, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7735, 0.3286, 0.3117 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, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(218, 185, 200)  
}
```

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, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 185, 200) }
```

Border

The CSS property to change the border of an element to Yxy 53.7735, 0.3286, 0.3117 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, 185, 200) }
```

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

```
.border{ border-color:rgb(218, 185, 200) }
```

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

Here you see how a box with a 4 pixel rgb(218, 185, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(218, 185,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7735, 0.3286, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 185, 200) }
```

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

```
.background{ background-color: rgb(218,  
185, 200) }
```

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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