

Converting Colors

$Yxy(54.0199, 0.3355, 0.3195)$

Have a look what the booklet for
Yxy(54.0199, 0.3355, 0.3195)
contains.

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Color

Yxy(53.8086, 0.3352, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	DCB9C2
RGB	220, 185, 194
RGB Percent	86%, 73%, 76%
CMY	0.1374, 0.2744, 0.2393
CMYK	0.00, 0.16, 0.12, 0.14
HSL	345°, 33%, 79%
HSV	345°, 16%, 86%
XYZ	56.5944, 53.8086, 58.4348
YIQ	196.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

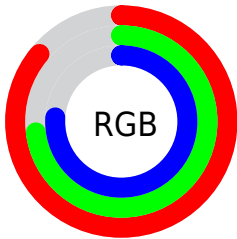
Format	Color
RYB	220, 185, 194
Decimal	14465474
CIELab	78.35, 13.96, 0.14
CIELCh	78, 13.964, 0.584
Yxy	53.8086, 0.3352, 0.3187
Android (android.graphics.Color)	4292655554 (0xFFDCB9C2)
YUV	196.4910, -1.2281, 20.6174
Hunter-Lab	73.3543, 9.3464, 4.1171

Details

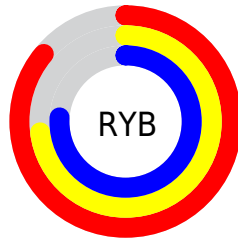
The Yxy color **53.8086, 0.3352, 0.3187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1920, 0.2942, 0.3396**, and the grayscale version is **55.5112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0727, 0.3164, 0.3203**, and **26.3953, 0.3422, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **44.6126, 0.3537, 0.3118**, and if you desaturate by 10%, it is **64.5141, 0.3202, 0.3253**.

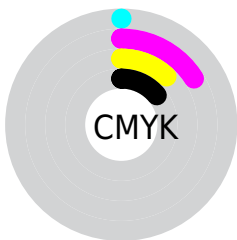
Distribution



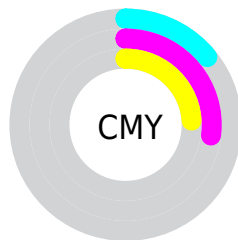
- Red (86%)
- Green (73%)
- Blue (76%)



- Red (86%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8086, 0.3352, 0.3187 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 53.8086, 0.3352, 0.3187 by changing the saturation by 10% instead.


 53.8086, 0.3352,
0.3187

 53.8086, 0.3352,
0.3187


401.3797, 0.3242,
0.3237

 38.4487, 0.3379,
0.3175


 95.7932, 0.3313,
0.3205

 26.3311, 0.3413,
0.3159


123.1866, 0.3298,
0.3212

 17.0715, 0.3457,
0.3139

155.3599, 0.3285,
0.3218

 10.2855, 0.3518,
0.3111

192.6976, 0.3274,
0.3223

 5.5886, 0.3605,
0.3070

235.5841, 0.3265,
0.3227

 2.5966, 0.3744,
0.3006

284.4036, 0.3256,

 0.9250, 0.3995,

0.3231

0.2890

339.5407, 0.3249,
0.3234

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.8086, 0.3352,
0.3187

53.8086, 0.3352,
0.3187

44.6126, 0.3537,
0.3118

64.5141, 0.3202,
0.3253

36.8511, 0.3763,
0.3048

76.7855, 0.3080,
0.3315

30.4534, 0.4035,
0.2982

90.6851, 0.2981,
0.3371

25.3399, 0.4356,
0.2927

93.9515, 0.2917,
0.3289

■ 21.4227, 0.4720,
0.2892

■ 18.6030, 0.5108,
0.2889

■ 16.7655, 0.5488,
0.2927

■ 15.7685, 0.5818,
0.3007

■ 15.5015, 0.5936,
0.3044

Harmonies

Analogous

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



53.8086, 0.3175, 0.3057



53.8086, 0.3352, 0.3187



53.8086, 0.3470, 0.3345

Triad

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



53.8086, 0.3352, 0.3187



53.8086, 0.3259, 0.3615



53.8086, 0.2775, 0.3072

Complementary

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



53.8086, 0.3352, 0.3187



66.1920, 0.2942, 0.3396

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.



53.8086, 0.2796, 0.3219



53.8086, 0.3352, 0.3187



53.8086, 0.3072, 0.3540

Square

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



53.8086, 0.3352, 0.3187



53.8086, 0.3414, 0.3595



53.8086, 0.2904, 0.3393



53.8086, 0.2844, 0.2989

Rectangle

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



53.8086, 0.3352, 0.3187



53.8086, 0.3496, 0.3448



53.8086, 0.2904, 0.3393



53.8086, 0.2772, 0.3115

Sweetspot

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



53.8110, 0.3352, 0.3187



91.5377, 0.3191, 0.3259



53.6684, 0.3070, 0.2889



19.3479, 0.3200, 0.3254



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.



53.8110, 0.3352, 0.3187



70.7816, 0.3408, 0.3165



56.9316, 0.3411, 0.3385



13.1061, 0.3252, 0.3230



9.1156, 0.5898, 0.3023



0.6045, 0.5429, 0.2765

Inverse Universe

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



53.8110, 0.3352, 0.3187



70.7816, 0.3408, 0.3165



62.4777, 0.2884, 0.3193



13.1061, 0.3252, 0.3230



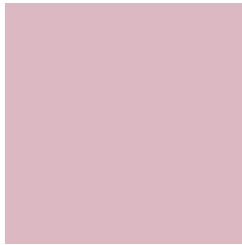
9.1156, 0.5898, 0.3023



0.6045, 0.5429, 0.2765

Previews

White Background



This preview shows how the Yxy color 53.8086, 0.3352, 0.3187 looks on a white background.

Color Contrast Check

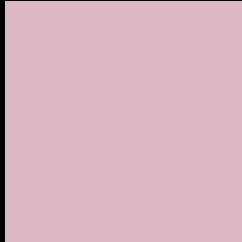
Large Text (above 18pt) WCAG AA × Fail

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 53.8086, 0.3352, 0.3187 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 53.8086, 0.3352, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 53.8086, 0.3352, 0.3187.



This preview shows how white text looks on a background with the Yxy color 53.8086, 0.3352, 0.3187.

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

53.8086, 0.3352, 0.3187

Protanopia

53.9992, 0.3107, 0.3217

Deuteranopia

53.9628, 0.3297, 0.3232



Tritanopia

53.7767, 0.3321, 0.3119

Trichromacy



Original Color

53.8086, 0.3352, 0.3187

Protanomaly

53.8373, 0.3197, 0.3207

Deuteranomaly

53.9898, 0.3323, 0.3221

Tritanomaly

53.6843, 0.3337, 0.3141

Monochromacy



Original Color

53.8086, 0.3352, 0.3187

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6185, 0.3210, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8086, 0.3352, 0.3187 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, 185, 194)` looks like.

```
.text, #text, p{  
  color:rgb(220, 185, 194)  
}
```

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, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 185, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.8086, 0.3352, 0.3187 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, 185, 194) }
```

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

```
.border{ border-color:rgb(220, 185, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(220, 185,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8086, 0.3352, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 185, 194) }
```

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

```
.background{ background-color: rgb(220,  
185, 194) }
```

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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