

Converting Colors

Yxy(53.6186, 0.3356, 0.3279)

Have a look what the booklet for
Yxy(53.6186, 0.3356, 0.3279)
contains.

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Color

Yxy(53.6186, 0.3356, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D7BBBC
RGB	215, 187, 188
RGB Percent	84%, 73%, 74%
CMY	0.1567, 0.2667, 0.2628
CMYK	0.00, 0.13, 0.13, 0.16
HSL	358°, 26%, 79%
HSV	358°, 13%, 84%
XYZ	54.8777, 53.6186, 55.0249
YIQ	195.4860, 16.3670, 6.2470

Conversions

Conversions Part 2

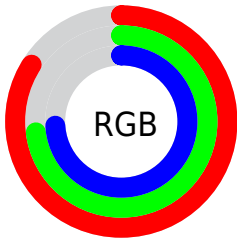
Format	Color
R _Y B	215, 187, 188
Decimal	14138300
CIE Lab	78.24, 10.15, 3.18
CIE LCh	78, 10.631, 17.380
Yxy	53.6186, 0.3356, 0.3279
Android (android.graphics.Color)	4292328380 (0xFFD7BBBC)
YUV	195.4860, -3.6906, 17.1138
Hunter-Lab	73.2247, 5.6322, 6.7037

Details

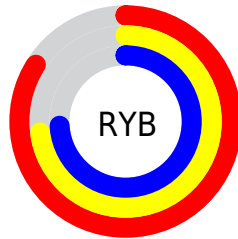
The Yxy color **53.6186, 0.3356, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0399, 0.2935, 0.3301**, and the grayscale version is **54.8961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8928, 0.3199, 0.3281**, and **26.2730, 0.3415, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **44.3392, 0.3583, 0.3270**, and if you desaturate by 10%, it is **64.3975, 0.3175, 0.3288**.

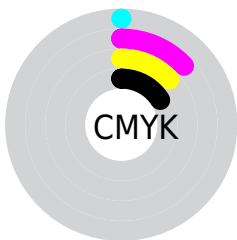
Distribution



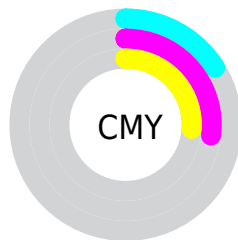
- Red (84%)
- Green (73%)
- Blue (74%)



- Red (84%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6186, 0.3356, 0.3279 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 53.6186, 0.3356, 0.3279 by changing the saturation by 10% instead.


 53.6186, 0.3356,
0.3279

 53.6186, 0.3356,
0.3279


400.6539, 0.3244,
0.3285

 38.2968, 0.3383,
0.3277


 95.5140, 0.3316,
0.3281

 26.2131, 0.3418,
0.3275


122.8564, 0.3300,
0.3282

 16.9832, 0.3464,
0.3272


154.9745, 0.3287,
0.3283

 10.2225, 0.3527,
0.3267

192.2527, 0.3276,
0.3284

 5.5467, 0.3618,
0.3259

235.0753, 0.3267,
0.3284

 2.5715, 0.3764,
0.3244

283.8268, 0.3258,

 0.9123, 0.4048,

0.3285

0.3225

338.8916, 0.3251,
0.3285

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6186, 0.3356,
0.3279

53.6186, 0.3356,
0.3279

44.3392, 0.3583,
0.3270

64.3975, 0.3175,
0.3288

36.4860, 0.3864,
0.3261

76.7305, 0.3030,
0.3295

29.9907, 0.4209,
0.3253

90.6785, 0.2913,
0.3303

24.7761, 0.4618,
0.3247

93.1923, 0.2889,
0.3289

■ 20.7577, 0.5077,
0.3245

■ 17.8405, 0.5546,
0.3249

■ 15.9155, 0.5962,
0.3259

■ 14.8511, 0.6254,
0.3276

■ 14.4689, 0.6370,
0.3283

Harmonies

Analogous

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



53.6186, 0.3243, 0.3163



53.6186, 0.3356, 0.3279



53.6186, 0.3407, 0.3400

Triad

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



53.6186, 0.3356, 0.3279



53.6186, 0.3149, 0.3512



53.6186, 0.2879, 0.3081

Complementary

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



53.6186, 0.3356, 0.3279



64.0399, 0.2935, 0.3301

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.



53.6186, 0.2856, 0.3170



53.6186, 0.3356, 0.3279



53.6186, 0.3010, 0.3422

Square

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



53.6186, 0.3356, 0.3279



53.6186, 0.3285, 0.3539



53.6186, 0.2903, 0.3295



53.6186, 0.2967, 0.3050

Rectangle

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



53.6186, 0.3356, 0.3279



53.6186, 0.3398, 0.3469



53.6186, 0.2903, 0.3295



53.6186, 0.2863, 0.3105

Sweetspot

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



53.6210, 0.3356, 0.3279



93.0462, 0.3191, 0.3287



54.6875, 0.3131, 0.2969



19.6447, 0.3204, 0.3286



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.



53.6210, 0.3356, 0.3279



74.3937, 0.3421, 0.3276



59.1693, 0.3344, 0.3437



12.4278, 0.3286, 0.3282



8.6543, 0.6360, 0.3277



0.5245, 0.6233, 0.3207

Inverse Universe

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



53.6210, 0.3356, 0.3279



74.3937, 0.3421, 0.3276



57.9091, 0.2925, 0.3138



12.4278, 0.3286, 0.3282



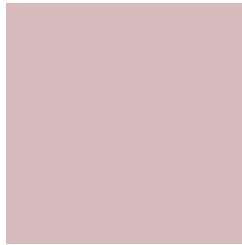
8.6543, 0.6360, 0.3277



0.5245, 0.6233, 0.3207

Previews

White Background



This preview shows how the Yxy color 53.6186, 0.3356, 0.3279 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 53.6186, 0.3356, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

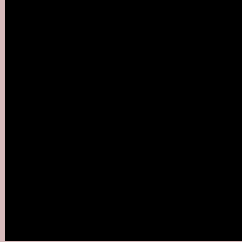
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6186, 0.3356, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 53.6186, 0.3356, 0.3279.



This preview shows how white text looks on a background with the Yxy color 53.6186, 0.3356, 0.3279.

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

53.6186, 0.3356, 0.3279

Protanopia

53.9073, 0.3183, 0.3315

Deuteranopia

53.4676, 0.3347, 0.3279



Tritanopia

53.6198, 0.3278, 0.3117

Trichromacy



Original Color

53.6186, 0.3356, 0.3279

Protanomaly

53.8167, 0.3242, 0.3302

Deuteranomaly

53.4676, 0.3347, 0.3279

Tritanomaly

53.7023, 0.3301, 0.3174

Monochromacy



Original Color

53.6186, 0.3356, 0.3279

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.0616, 0.3209, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6186, 0.3356, 0.3279 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(215, 187, 188)` looks like.

```
.text, #text, p{  
    color:rgb(215, 187, 188)  
}
```

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(215, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 187, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.6186, 0.3356, 0.3279 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(215, 187, 188) }
```

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

```
.border{ border-color:rgb(215, 187, 188) }
```

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

Here you see how a box with a 4 pixel rgb(215, 187, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(215, 187,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6186, 0.3356, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 187, 188) }
```

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

```
.background{ background-color: rgb(215,  
187, 188) }
```

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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