

Converting Colors

Yxy(53.4061, 0.3305, 0.3275)

Have a look what the booklet for
Yxy(53.4061, 0.3305, 0.3275)
contains.

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Color

Yxy(53.3422, 0.3304, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D2BCBD
RGB	210, 188, 189
RGB Percent	82%, 74%, 74%
CMY	0.1764, 0.2627, 0.2590
CMYK	0.00, 0.10, 0.10, 0.18
HSL	357°, 20%, 78%
HSV	357°, 10%, 82%
XYZ	53.7489, 53.3422, 55.5872
YIQ	194.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

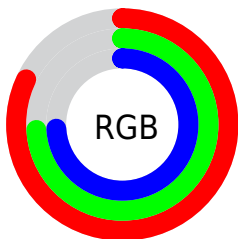
Format	Color
R _Y B	210, 188, 189
Decimal	13810877
CIE Lab	78.08, 7.97, 2.36
CIE LCh	78, 8.311, 16.462
Yxy	53.3422, 0.3304, 0.3279
Android (android.graphics.Color)	4292000957 (0xFFD2BCBD)
YUV	194.6920, -2.8062, 13.4251
Hunter-Lab	73.0357, 3.5502, 5.9997

Details

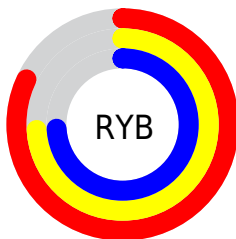
The Yxy color $53.3422, 0.3304, 0.3279$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.4034, 0.2973, 0.3301$, and the grayscale version is $54.3934, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5539, 0.3193, 0.3281$, and $26.0741, 0.3344, 0.3275$ is the 20% darker color. If you saturate the color by 10%, you get $44.2022, 0.3516, 0.3268$, and if you desaturate by 10%, it is $63.9135, 0.3134, 0.3290$.

Distribution



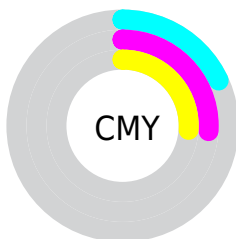
- Red (82%)
- Green (74%)
- Blue (74%)



- Red (82%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (18%)




- Cyan (18%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3422, 0.3304, 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 53.3422, 0.3304, 0.3279 by changing the saturation by 10% instead.

 53.3422, 0.3304,
0.3279

 53.3422, 0.3304,
0.3279


399.5966, 0.3217,
0.3285

 38.0760, 0.3325,
0.3277


 95.1077, 0.3273,
0.3281

 26.0417, 0.3352,
0.3275

122.3759, 0.3261,
0.3282

 16.8548, 0.3387,
0.3272


154.4134, 0.3251,
0.3283

 10.1310, 0.3436,
0.3268

191.6048, 0.3242,
0.3283

 5.4859, 0.3507,
0.3262

234.3344, 0.3235,
0.3284

 2.5351, 0.3620,
0.3250

282.9867, 0.3228,

 0.8942, 0.3839,

0.3284

0.3235

337.9460, 0.3222,
0.3285

0.0000, 0.0000,
0.0000

53.3422, 0.3304,
0.3279

53.3422, 0.3304,
0.3279

44.2022, 0.3516,
0.3268

63.9135, 0.3134,
0.3290

36.4253, 0.3779,
0.3257

75.9663, 0.2999,
0.3299

29.9483, 0.4104,
0.3246

89.5573, 0.2889,
0.3308

24.7004, 0.4492,
0.3237

92.4453, 0.2860,
0.3289

20.6038, 0.4936,
0.3233

■ 17.5722, 0.5405,
0.3235

■ 15.5067, 0.5843,
0.3245

■ 14.2903, 0.6177,
0.3263

■ 13.7255, 0.6361,
0.3278

Harmonies

Analogous

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



53.3422, 0.3215, 0.3188



53.3422, 0.3304, 0.3279



53.3422, 0.3345, 0.3375

Triad

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



53.3422, 0.3304, 0.3279



53.3422, 0.3148, 0.3465



53.3422, 0.2931, 0.3128

Complementary

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



53.3422, 0.3304, 0.3279



61.4034, 0.2973, 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.



53.3422, 0.2914, 0.3199



53.3422, 0.3304, 0.3279



53.3422, 0.3038, 0.3396

Square

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



53.3422, 0.3304, 0.3279



53.3422, 0.3254, 0.3484



53.3422, 0.2953, 0.3298



53.3422, 0.2999, 0.3101

Rectangle

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



53.3422, 0.3304, 0.3279



53.3422, 0.3340, 0.3429



53.3422, 0.2953, 0.3298



53.3422, 0.2919, 0.3148

Sweetspot

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



53.3446, 0.3304, 0.3279



94.7536, 0.3174, 0.3287



54.1652, 0.3130, 0.3034



19.9887, 0.3187, 0.3286



0.0000, 0.0000, 0.0000



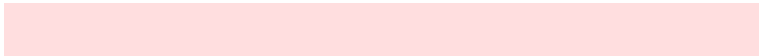
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3446, 0.3304, 0.3279



78.7670, 0.3356, 0.3276



57.6839, 0.3298, 0.3407



11.8165, 0.3284, 0.3280



8.3740, 0.6349, 0.3271



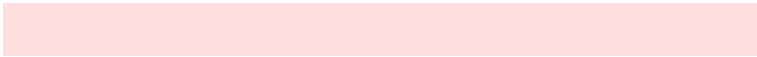
0.4712, 0.6185, 0.3181

Inverse Universe

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



53.3446, 0.3304, 0.3279



78.7670, 0.3356, 0.3276



56.7072, 0.2966, 0.3170



11.8165, 0.3284, 0.3280



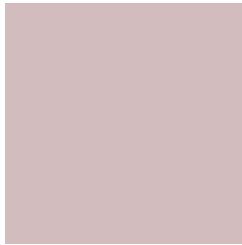
8.3740, 0.6349, 0.3271



0.4712, 0.6185, 0.3181

Previews

White Background



This preview shows how the Yxy color 53.3422, 0.3304, 0.3279 looks on a white background.

Color Contrast Check

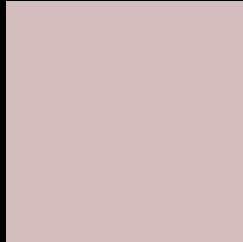
Large Text (above 18pt) WCAG AA × Fail

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 53.3422, 0.3304, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

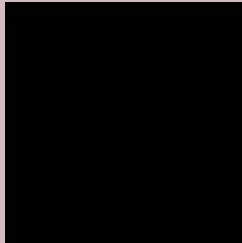
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3422, 0.3304, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 53.3422, 0.3304, 0.3279.



This preview shows how white text looks on a background with the Yxy color 53.3422, 0.3304, 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

53.3422, 0.3304, 0.3279

Protanopia

53.3312, 0.3175, 0.3302

Deuteranopia

53.3609, 0.3330, 0.3267



Tritanopia

53.3319, 0.3227, 0.3115

Trichromacy



Original Color

53.3422, 0.3304, 0.3279

Protanomaly

53.5359, 0.3225, 0.3302

Deuteranomaly

53.2118, 0.3322, 0.3267

Tritanomaly

53.4207, 0.3249, 0.3173

Monochromacy



Original Color

53.3422, 0.3304, 0.3279

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8289, 0.3185, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3422, 0.3304, 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(210, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(210, 188, 189)  
}
```

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(210, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 188, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.3422, 0.3304, 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(210, 188, 189) }
```

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

```
.border{ border-color:rgb(210, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(210, 188,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3422, 0.3304, 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(210, 188, 189) }
```

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

```
.background{ background-color: rgb(210,  
188, 189) }
```

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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