

Converting Colors

$Yxy(54.7756, 0.3380, 0.3469)$

Have a look what the booklet for
Yxy(54.7756, 0.3380, 0.3469)
contains.

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Color

Yxy(54.9096, 0.3375, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	D1C1B2
RGB	209, 193, 178
RGB Percent	82%, 76%, 70%
CMY	0.1805, 0.2431, 0.3020
CMYK	0.00, 0.08, 0.15, 0.18
HSL	29°, 25%, 76%
HSV	29°, 15%, 82%
XYZ	53.3909, 54.9096, 49.8948
YIQ	196.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

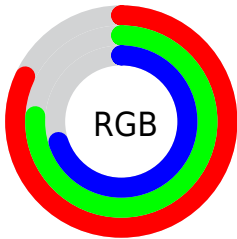
Format	Color
RYB	209, 207, 178
Decimal	13746610
CIELab	78.99, 3.12, 9.58
CIELCh	79, 10.077, 71.982
Yxy	54.9096, 0.3375, 0.3471
Android (android.graphics.Color)	4291936690 (0xFFD1C1B2)
YUV	196.0740, -8.9105, 11.3361
Hunter-Lab	74.1010, -1.0648, 11.9487

Details

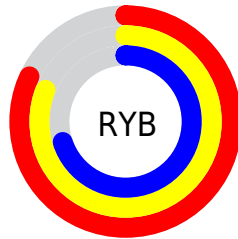
The Yxy color **54.9096, 0.3375, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6158, 0.2897, 0.3102**, and the grayscale version is **55.2948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9519, 0.3256, 0.3436**, and **27.1069, 0.3440, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **49.5517, 0.3572, 0.3601**, and if you desaturate by 10%, it is **60.7460, 0.3202, 0.3347**.

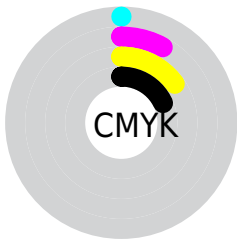
Distribution



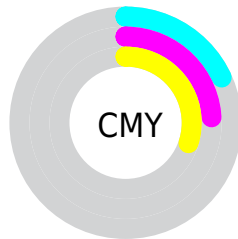
- Red (82%)
- Green (76%)
- Blue (70%)



- Red (82%)
- Yellow (81%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (18%)




- Cyan (18%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9096, 0.3375, 0.3471 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 54.9096, 0.3375, 0.3471 by changing the saturation by 10% instead.


 54.9096, 0.3375,
0.3471

 54.9096, 0.3375,
0.3471


405.5692, 0.3254,
0.3384

 39.3293, 0.3404,
0.3492


 97.4085, 0.3332,
0.3440

 27.0160, 0.3441,
0.3518


125.0959, 0.3315,
0.3428

 17.5853, 0.3490,
0.3552


157.5879, 0.3301,
0.3418

 10.6526, 0.3556,
0.3598

195.2687, 0.3289,
0.3409

 5.8338, 0.3652,
0.3663

238.5229, 0.3279,
0.3402

 2.7443, 0.3801,
0.3761

287.7348, 0.3269,

 0.9997, 0.4228,

0.3395

0.4083

343.2887, 0.3261,
0.3389

■ 0.0000, 0.0000,
0.0000

■ 54.9096, 0.3375,
0.3471

■ 54.9096, 0.3375,
0.3471

■ 49.5517, 0.3572,
0.3601

■ 60.7460, 0.3202,
0.3347

■ 44.6520, 0.3795,
0.3732

■ 67.0661, 0.3052,
0.3231

■ 40.1992, 0.4042,
0.3860

■ 73.8843, 0.2921,
0.3123

■ 36.1786, 0.4311,
0.3975

■ 80.7818, 0.2844,
0.3090

■ 32.5747, 0.4591,
0.4067

■ 87.1635, 0.2850,
0.3204

■ 29.3707, 0.4872,
0.4123

■ 92.2899, 0.2855,
0.3289

■ 26.5481, 0.5133,
0.4131

■ 24.0858, 0.5358,
0.4084

■ 22.9389, 0.5462,
0.4045

Harmonies

Analogous

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



54.9096, 0.3387, 0.3374



54.9096, 0.3375, 0.3471



54.9096, 0.3296, 0.3521

Triad

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



54.9096, 0.3375, 0.3471



54.9096, 0.2931, 0.3317



54.9096, 0.3078, 0.3083

Complementary

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



54.9096, 0.3375, 0.3471



52.6158, 0.2897, 0.3102

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.



54.9096, 0.2958, 0.3065



54.9096, 0.3375, 0.3471



54.9096, 0.2875, 0.3197

Square

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



54.9096, 0.3375, 0.3471



54.9096, 0.3039, 0.3433



54.9096, 0.2885, 0.3105



54.9096, 0.3213, 0.3154

Rectangle

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



54.9096, 0.3375, 0.3471



54.9096, 0.3217, 0.3520



54.9096, 0.2885, 0.3105



54.9096, 0.3034, 0.3071

Sweetspot

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



54.9120, 0.3375, 0.3471



96.0566, 0.3190, 0.3338



49.2788, 0.3266, 0.3099



20.4043, 0.3202, 0.3347



0.0000, 0.0000, 0.0000



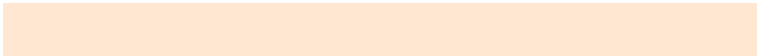
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9120, 0.3375, 0.3471



83.2318, 0.3439, 0.3514



62.0933, 0.3349, 0.3649



12.7417, 0.3279, 0.3403



14.3448, 0.5440, 0.4063



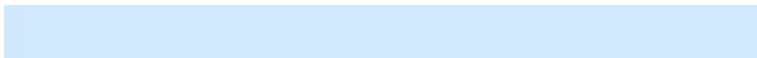
0.9607, 0.5152, 0.4292

Inverse Universe

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



52.6158, 0.2897, 0.3102



78.9107, 0.2843, 0.3055



46.1049, 0.2890, 0.2904



12.4095, 0.2982, 0.3174



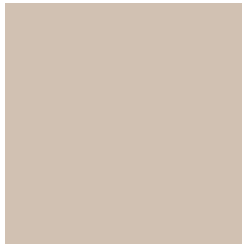
9.5927, 0.1788, 0.1638



0.6950, 0.1879, 0.1964

Previews

White Background



This preview shows how the Yxy color 54.9096, 0.3375, 0.3471 looks on a white background.

Color Contrast Check

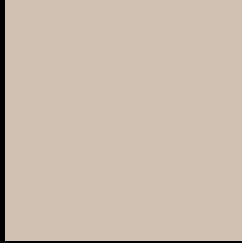
Large Text (above 18pt) WCAG AA × Fail

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 54.9096, 0.3375, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

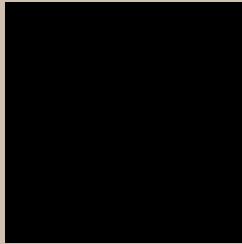
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9096, 0.3375, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 54.9096, 0.3375, 0.3471.



This preview shows how white text looks on a background with the Yxy color 54.9096, 0.3375, 0.3471.

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

54.9096, 0.3375, 0.3471

Protanopia

54.9814, 0.3314, 0.3485

Deuteranopia

55.0220, 0.3477, 0.3407



Tritanopia

54.7519, 0.3201, 0.3116

Trichromacy



Original Color

54.9096, 0.3375, 0.3471

Protanomaly

54.8174, 0.3332, 0.3472

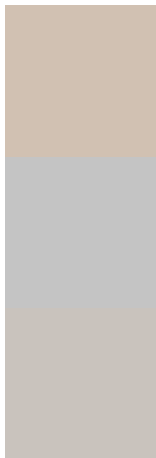
Deuteranomaly

54.8333, 0.3441, 0.3420

Tritanomaly

54.6159, 0.3262, 0.3232

Monochromacy



Original Color

54.9096, 0.3375, 0.3471

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1218, 0.3221, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9096, 0.3375, 0.3471 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(209, 193, 178)` looks like.

```
.text, #text, p{  
    color:rgb(209, 193, 178)  
}
```

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(209, 193, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 193, 178) }
```

Border

The CSS property to change the border of an element to Yxy 54.9096, 0.3375, 0.3471 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(209, 193, 178) }
```

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

```
.border{ border-color:rgb(209, 193, 178) }
```

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

Here you see how a box with a 4 pixel rgb(209, 193, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 193, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 193, 178);  
box-shadow:4px 4px 4px 4px rgb(209, 193,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9096, 0.3375, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 193, 178) }
```

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

```
.background{ background-color: rgb(209,  
193, 178) }
```

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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