

Converting Colors

Yxy(54.7641, 0.3418, 0.3486)

Have a look what the booklet for
Yxy(54.7641, 0.3418, 0.3486)
contains.

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Color

Yxy(54.8309, 0.3419, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	D4C0B0
RGB	212, 192, 176
RGB Percent	83%, 75%, 69%
CMY	0.1685, 0.2471, 0.3100
CMYK	0.00, 0.09, 0.17, 0.17
HSL	27°, 30%, 76%
HSV	27°, 17%, 83%
XYZ	53.8388, 54.8309, 48.7998
YIQ	196.1560, 17.0560, -0.7360

Conversions

Conversions Part 2

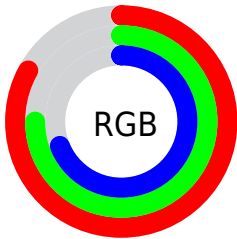
Format	Color
R_{YB}	212, 205, 176
Decimal	13942960
CIE _{Lab}	78.94, 4.46, 10.64
CIE _{LCh}	79, 11.539, 67.245
Yxy	54.8309, 0.3419, 0.3482
Android (android.graphics.Color)	4292133040 (0xFFD4C0B0)
YUV	196.1560, -9.9369, 13.8952
Hunter-Lab	74.0479, 0.2002, 12.7596

Details

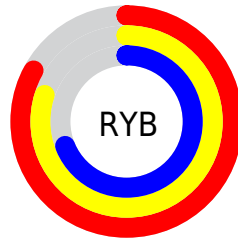
The Yxy color **54.8309, 0.3419, 0.3482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4521, 0.2863, 0.3090**, and the grayscale version is **55.3547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2210, 0.3269, 0.3446**, and **27.0886, 0.3489, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **49.0944, 0.3626, 0.3602**, and if you desaturate by 10%, it is **61.1169, 0.3239, 0.3367**.

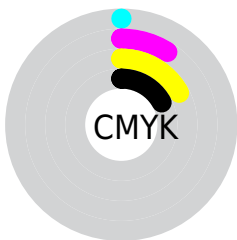
Distribution



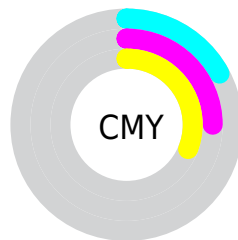
- Red (83%)
- Green (75%)
- Blue (69%)



- Red (83%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8309, 0.3419, 0.3482 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 54.8309, 0.3419, 0.3482 by changing the saturation by 10% instead.


 54.8309, 0.3419,
0.3482

 54.8309, 0.3419,
0.3482

405.2706, 0.3276,
0.3390

 39.2664, 0.3454,
0.3504

 97.2932, 0.3368,
0.3449

 26.9670, 0.3497,
0.3531


124.9596, 0.3349,
0.3437

 17.5484, 0.3555,
0.3567


157.4289, 0.3332,
0.3426

 10.6263, 0.3633,
0.3614

195.0853, 0.3318,
0.3417

 5.8161, 0.3746,
0.3681

238.3133, 0.3305,
0.3409

 2.7336, 0.3922,
0.3780

287.4973, 0.3295,

 0.9943, 0.4456,

0.3402

0.4150

343.0216, 0.3285,
0.3396

0.0000, 0.0000,
0.0000

54.8309, 0.3419,
0.3482

54.8309, 0.3419,
0.3482

49.0944, 0.3626,
0.3602

61.1169, 0.3239,
0.3367

43.8842, 0.3862,
0.3723

67.9600, 0.3083,
0.3258

39.1865, 0.4125,
0.3839

75.3769, 0.2948,
0.3158

34.9835, 0.4412,
0.3941

83.0041, 0.2864,
0.3124

31.2567, 0.4712,
0.4017

90.1260, 0.2870,
0.3247

■ 27.9857, 0.5011,
0.4054

■ 92.7402, 0.2872,
0.3289

■ 25.1482, 0.5286,
0.4041

■ 22.7180, 0.5518,
0.3974

■ 22.0606, 0.5583,
0.3949

Harmonies

Analogous

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



54.8309, 0.3419, 0.3366



54.8309, 0.3419, 0.3482



54.8309, 0.3339, 0.3551

Triad

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



54.8309, 0.3419, 0.3482



54.8309, 0.2918, 0.3343



54.8309, 0.3046, 0.3046

Complementary

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



54.8309, 0.3419, 0.3482



53.4521, 0.2863, 0.3090

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.



54.8309, 0.2916, 0.3036



54.8309, 0.3419, 0.3482



54.8309, 0.2844, 0.3203

Square

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



54.8309, 0.3419, 0.3482



54.8309, 0.3049, 0.3472



54.8309, 0.2843, 0.3091



54.8309, 0.3201, 0.3118

Rectangle

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



54.8309, 0.3419, 0.3482



54.8309, 0.3252, 0.3558



54.8309, 0.2843, 0.3091



54.8309, 0.2998, 0.3035

Sweetspot

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



54.8334, 0.3419, 0.3482



94.7722, 0.3206, 0.3345



49.0397, 0.3275, 0.3048



20.1317, 0.3218, 0.3353



0.0000, 0.0000, 0.0000



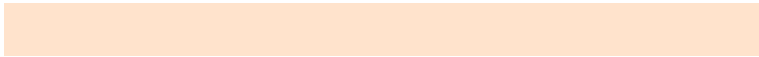
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8334, 0.3419, 0.3482



80.3857, 0.3482, 0.3520



63.0379, 0.3386, 0.3683



13.3210, 0.3280, 0.3394



13.8093, 0.5559, 0.3968



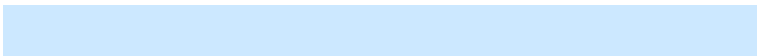
0.9965, 0.5265, 0.4202

Inverse Universe

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



53.4521, 0.2863, 0.3090



77.9480, 0.2812, 0.3048



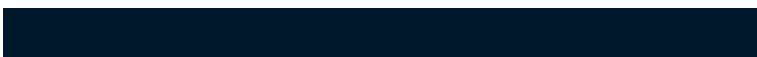
45.9670, 0.2852, 0.2864



13.1406, 0.2982, 0.3184



11.0929, 0.1826, 0.1775



0.8331, 0.1906, 0.2060

Previews

White Background



This preview shows how the Yxy color 54.8309, 0.3419, 0.3482 looks on a white background.

Color Contrast Check

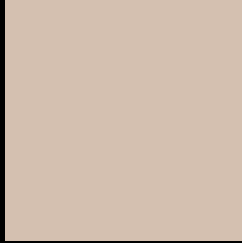
Large Text (above 18pt) WCAG AA × Fail

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 54.8309, 0.3419, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

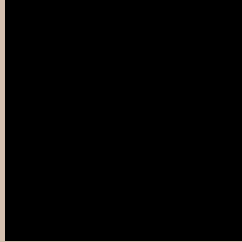
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8309, 0.3419, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 54.8309, 0.3419, 0.3482.



This preview shows how white text looks on a background with the Yxy color 54.8309, 0.3419, 0.3482.

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

54.8309, 0.3419, 0.3482

Protanopia

54.9010, 0.3329, 0.3510

Deuteranopia

54.9417, 0.3494, 0.3431



Tritanopia

54.8772, 0.3242, 0.3117

Trichromacy



Original Color

54.8309, 0.3419, 0.3482

Protanomaly

54.8797, 0.3356, 0.3496

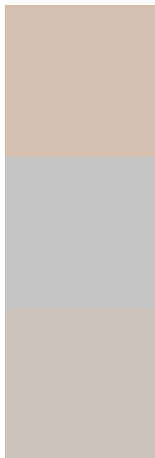
Deuteranomaly

54.9067, 0.3466, 0.3444

Tritanomaly

54.6925, 0.3312, 0.3244

Monochromacy



Original Color

54.8309, 0.3419, 0.3482

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2609, 0.3229, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8309, 0.3419, 0.3482 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(212, 192, 176)` looks like.

```
.text, #text, p{  
    color:rgb(212, 192, 176)  
}
```

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(212, 192, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 192, 176) }
```

Border

The CSS property to change the border of an element to Yxy 54.8309, 0.3419, 0.3482 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(212, 192, 176) }
```

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

```
.border{ border-color:rgb(212, 192, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 192, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 192, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 192, 176);  
box-shadow:4px 4px 4px 4px rgb(212, 192,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8309, 0.3419, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 192, 176) }
```

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

```
.background{ background-color: rgb(212,  
192, 176) }
```

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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