

Converting Colors

Yxy(54.4725, 0.3425, 0.3520)

Have a look what the booklet for
Yxy(54.4725, 0.3425, 0.3520)
contains.

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Color

Yxy(54.4180, 0.3426, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	D2C0AD
RGB	210, 192, 173
RGB Percent	82%, 75%, 68%
CMY	0.1763, 0.2471, 0.3216
CMYK	0.00, 0.09, 0.18, 0.18
HSL	31°, 29%, 75%
HSV	31°, 18%, 82%
XYZ	52.9798, 54.4180, 47.2427
YIQ	195.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

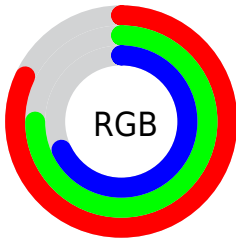
Format	Color
R _Y B	208, 210, 173
Decimal	13811885
CIE Lab	78.70, 3.28, 11.87
CIE LCh	79, 12.319, 74.554
Yxy	54.4180, 0.3426, 0.3519
Android (android.graphics.Color)	4292001965 (0xFFD2C0AD)
YUV	195.2160, -10.9525, 12.9656
Hunter-Lab	73.7686, -0.8981, 13.6676

Details

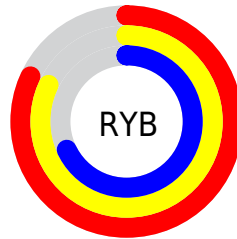
The Yxy color **54.4180, 0.3426, 0.3519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8222, 0.2851, 0.3050**, and the grayscale version is **54.7717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9962, 0.3293, 0.3486**, and **26.8143, 0.3498, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **49.3307, 0.3627, 0.3657**, and if you desaturate by 10%, it is **59.9507, 0.3248, 0.3386**.

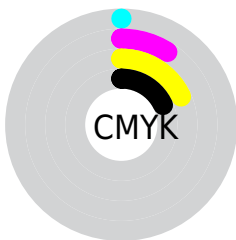
Distribution



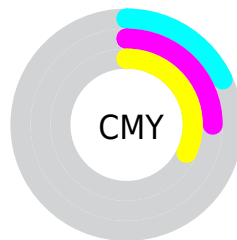
- Red (82%)
- Green (75%)
- Blue (68%)



- Red (82%)
- Yellow (82%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4180, 0.3426, 0.3519 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 54.4180, 0.3426, 0.3519 by changing the saturation by 10% instead.


 54.4180, 0.3426,
0.3519

 54.4180, 0.3426,
0.3519


403.7020, 0.3280,
0.3409

 38.9359, 0.3461,
0.3545


 96.6877, 0.3374,
0.3480

 26.7099, 0.3506,
0.3579


124.2442, 0.3354,
0.3465

 17.3555, 0.3565,
0.3622


156.5942, 0.3337,
0.3452

 10.4883, 0.3645,
0.3679

194.1222, 0.3322,
0.3441

 5.7239, 0.3760,
0.3761

237.2126, 0.3310,
0.3431

 2.6779, 0.3939,
0.3883

286.2498, 0.3299,

 0.9660, 0.4590,

0.3423

0.4409

341.6181, 0.3289,
0.3415

0.0000, 0.0000,
0.0000

54.4180, 0.3426,
0.3519

54.4180, 0.3426,
0.3519

49.3307, 0.3627,
0.3657

59.9507, 0.3248,
0.3386

44.6691, 0.3852,
0.3795

65.9331, 0.3092,
0.3261

40.4228, 0.4099,
0.3927

72.3788, 0.2956,
0.3145

36.5780, 0.4362,
0.4043

79.1683, 0.2849,
0.3058

33.1199, 0.4633,
0.4132

85.1306, 0.2854,
0.3166

■ 30.0325, 0.4896,
0.4181

■ 91.4345, 0.2860,
0.3273

■ 27.2980, 0.5135,
0.4180

■ 92.4484, 0.2861,
0.3289

■ 24.8939, 0.5337,
0.4125

■ 24.3683, 0.5382,
0.4109

Harmonies

Analogous

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



54.4180, 0.3448, 0.3404



54.4180, 0.3426, 0.3519



54.4180, 0.3322, 0.3576

Triad

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



54.4180, 0.3426, 0.3519



54.4180, 0.2878, 0.3310



54.4180, 0.3080, 0.3043

Complementary

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



54.4180, 0.3426, 0.3519



50.8222, 0.2851, 0.3050

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.



54.4180, 0.2931, 0.3014



54.4180, 0.3426, 0.3519



54.4180, 0.2817, 0.3163

Square

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



54.4180, 0.3426, 0.3519



54.4180, 0.3005, 0.3455



54.4180, 0.2836, 0.3056



54.4180, 0.3246, 0.3133

Rectangle

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



54.4180, 0.3426, 0.3519



54.4180, 0.3222, 0.3571



54.4180, 0.2836, 0.3056



54.4180, 0.3026, 0.3026

Sweetspot

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



54.4204, 0.3426, 0.3519



95.3055, 0.3206, 0.3353



47.3777, 0.3302, 0.3068



20.2612, 0.3217, 0.3362



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.



54.4204, 0.3426, 0.3519



81.4843, 0.3496, 0.3568



62.8414, 0.3391, 0.3725



12.7961, 0.3278, 0.3409



15.0593, 0.5360, 0.4126



1.0006, 0.5089, 0.4341

Inverse Universe

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



50.8222, 0.2851, 0.3050



74.9368, 0.2793, 0.2995



43.4238, 0.2839, 0.2814



12.3551, 0.2982, 0.3168



8.8749, 0.1763, 0.1547



0.6549, 0.1857, 0.1886

Previews

White Background



This preview shows how the Yxy color 54.4180, 0.3426, 0.3519 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 54.4180, 0.3426, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

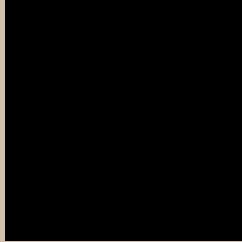
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4180, 0.3426, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 54.4180, 0.3426, 0.3519.



This preview shows how white text looks on a background with the Yxy color 54.4180, 0.3426, 0.3519.

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

54.4180, 0.3426, 0.3519

Protanopia

54.3361, 0.3354, 0.3535

Deuteranopia

54.3946, 0.3521, 0.3455



Tritanopia

54.5268, 0.3234, 0.3128

Trichromacy



Original Color

54.4180, 0.3426, 0.3519

Protanomaly

54.3177, 0.3382, 0.3521

Deuteranomaly

54.2029, 0.3484, 0.3468

Tritanomaly

54.3029, 0.3311, 0.3267

Monochromacy



Original Color

54.4180, 0.3426, 0.3519

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4508, 0.3229, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4180, 0.3426, 0.3519 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, 192, 173)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 173)  
}
```

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, 192, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 173) }
```

Border

The CSS property to change the border of an element to Yxy 54.4180, 0.3426, 0.3519 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, 192, 173) }
```

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

```
.border{ border-color:rgb(210, 192, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 173);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4180, 0.3426, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 173) }
```

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

```
.background{ background-color: rgb(210,  
192, 173) }
```

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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