

Converting Colors

$Y_{xy}(54.2369, 0.3472, 0.3550)$

Have a look what the booklet for
Yxy(54.2369, 0.3472, 0.3550)
contains.

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Color

Yxy(54.1609, 0.3469, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	D4BFAA
RGB	212, 191, 170
RGB Percent	83%, 75%, 67%
CMY	0.1687, 0.2509, 0.3334
CMYK	0.00, 0.10, 0.20, 0.17
HSL	30°, 33%, 75%
HSV	30°, 20%, 83%
XYZ	53.0297, 54.1609, 45.6768
YIQ	194.8850, 19.2570, -2.0790

Conversions

Conversions Part 2

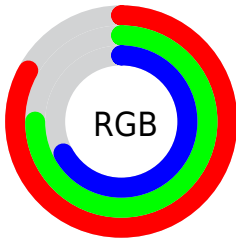
Format	Color
R _Y B	212, 212, 170
Decimal	13942698
CIE Lab	78.56, 4.05, 13.31
CIE LCh	79, 13.912, 73.059
Yxy	54.1609, 0.3469, 0.3543
Android (android.graphics.Color)	4292132778 (0xFFD4BFAA)
YUV	194.8850, -12.2683, 15.0099
Hunter-Lab	73.5941, -0.1679, 14.7170

Details

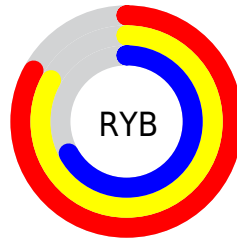
The Yxy color **54.1609, 0.3469, 0.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5265, 0.2816, 0.3023**, and the grayscale version is **54.5656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2178, 0.3313, 0.3506**, and **26.6531, 0.3558, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **48.9764, 0.3677, 0.3678**, and if you desaturate by 10%, it is **59.8127, 0.3285, 0.3412**.

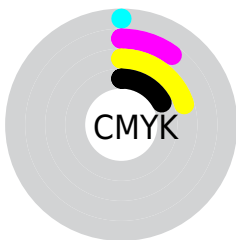
Distribution



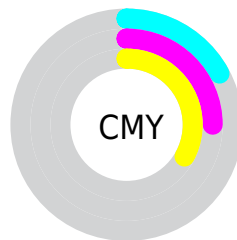
- Red (83%)
- Green (75%)
- Blue (67%)



- Red (83%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1609, 0.3469, 0.3543 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 54.1609, 0.3469, 0.3543 by changing the saturation by 10% instead.


 54.1609, 0.3469,
0.3543

 54.1609, 0.3469,
0.3543


402.7233, 0.3302,
0.3421

 38.7303, 0.3510,
0.3572


 96.3105, 0.3409,
0.3500

 26.5500, 0.3561,
0.3608

123.7982, 0.3386,
0.3483

 17.2355, 0.3628,
0.3655

156.0738, 0.3367,
0.3469

 10.4026, 0.3720,
0.3718

193.5216, 0.3350,
0.3457

 5.6667, 0.3852,
0.3806

236.5261, 0.3336,
0.3446

 2.6435, 0.4056,
0.3937

285.4716, 0.3323,

 0.9486, 0.4902,

0.3437

0.4608

340.7425, 0.3312,
0.3429

0.0000, 0.0000,
0.0000

54.1609, 0.3469,
0.3543

54.1609, 0.3469,
0.3543

48.9764, 0.3677,
0.3678

59.8127, 0.3285,
0.3412

44.2389, 0.3910,
0.3813

65.9372, 0.3124,
0.3288

39.9368, 0.4164,
0.3940

72.5487, 0.2984,
0.3172

36.0553, 0.4434,
0.4048

79.6588, 0.2862,
0.3065

32.5785, 0.4710,
0.4127

85.8540, 0.2866,
0.3174

■ 29.4890, 0.4975,
0.4164

■ 92.3993, 0.2871,
0.3284

■ 26.7675, 0.5213,
0.4147

■ 92.7328, 0.2871,
0.3289

■ 24.3854, 0.5414,
0.4082

■ 24.3433, 0.5417,
0.4081

Harmonies

Analogous

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



54.1609, 0.3489, 0.3410



54.1609, 0.3469, 0.3543



54.1609, 0.3355, 0.3613

Triad

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



54.1609, 0.3469, 0.3543



54.1609, 0.2851, 0.3320



54.1609, 0.3064, 0.3008

Complementary

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



54.1609, 0.3469, 0.3543



50.5265, 0.2816, 0.3023

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.



54.1609, 0.2898, 0.2980



54.1609, 0.3469, 0.3543



54.1609, 0.2778, 0.3153

Square

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



54.1609, 0.3469, 0.3543



54.1609, 0.2998, 0.3484



54.1609, 0.2795, 0.3030



54.1609, 0.3252, 0.3107

Rectangle

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



54.1609, 0.3469, 0.3543



54.1609, 0.3243, 0.3610



54.1609, 0.2795, 0.3030



54.1609, 0.3004, 0.2990

Sweetspot

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



54.1633, 0.3469, 0.3543



94.2790, 0.3222, 0.3364



46.4937, 0.3328, 0.3039



20.0498, 0.3233, 0.3373



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.



54.1633, 0.3469, 0.3543



78.7069, 0.3558, 0.3603



63.9668, 0.3424, 0.3780



13.4386, 0.3279, 0.3407



15.2334, 0.5396, 0.4098



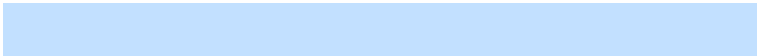
1.0844, 0.5133, 0.4306

Inverse Universe

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



50.5265, 0.2816, 0.3023



72.1552, 0.2744, 0.2955



42.0359, 0.2799, 0.2748



13.0222, 0.2982, 0.3170



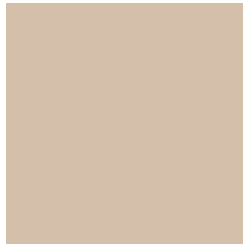
9.4706, 0.1773, 0.1584



0.7368, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 54.1609, 0.3469, 0.3543 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 54.1609, 0.3469, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

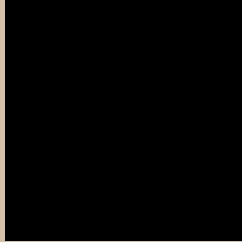
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

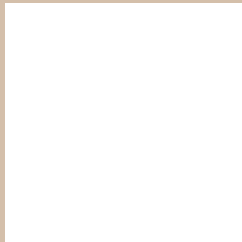
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1609, 0.3469, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 54.1609, 0.3469, 0.3543.



This preview shows how white text looks on a background with the Yxy color 54.1609, 0.3469, 0.3543.

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

54.1609, 0.3469, 0.3543

Protanopia

54.2204, 0.3378, 0.3572

Deuteranopia

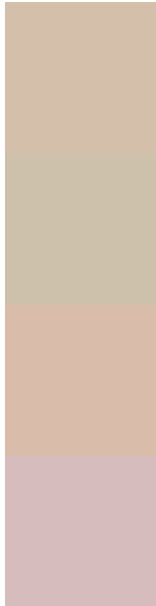
54.0105, 0.3557, 0.3478



Tritanopia

54.3566, 0.3259, 0.3128

Trichromacy



Original Color

54.1609, 0.3469, 0.3543

Protanomaly

54.2020, 0.3405, 0.3558

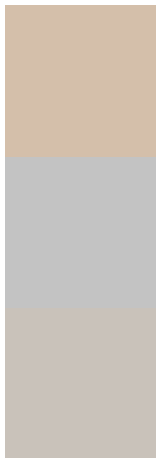
Deuteranomaly

53.8121, 0.3520, 0.3492

Tritanomaly

54.1312, 0.3338, 0.3267

Monochromacy



Original Color

54.1609, 0.3469, 0.3543

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5463, 0.3244, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1609, 0.3469, 0.3543 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, 191, 170)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 170)  
}
```

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, 191, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 170) }
```

Border

The CSS property to change the border of an element to Yxy 54.1609, 0.3469, 0.3543 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, 191, 170) }
```

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

```
.border{ border-color:rgb(212, 191, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 170);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1609, 0.3469, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 170) }
```

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

```
.background{ background-color: rgb(212,  
191, 170) }
```

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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