

Converting Colors

$Yxy(58.5267, 0.3427, 0.3432)$

Have a look what the booklet for
Yxy(58.5267, 0.3427, 0.3432)
contains.

Yxy(58.4701, 0.3431, 0.3429)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4701, 0.3431, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	DEC4B8
RGB	222, 196, 184
RGB Percent	87%, 77%, 72%
CMY	0.1296, 0.2313, 0.2785
CMYK	0.00, 0.12, 0.17, 0.13
HSL	19°, 36%, 80%
HSV	19°, 17%, 87%
XYZ	58.5042, 58.4701, 53.5422
YIQ	202.4060, 19.3480, 1.7800

Conversions

Conversions Part 2

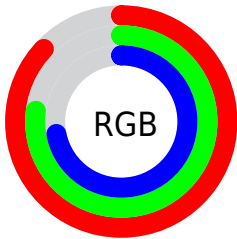
Format	Color
R _Y B	222, 202, 184
Decimal	14599352
CIE Lab	81.00, 7.22, 9.38
CIE LCh	81, 11.838, 52.402
Yxy	58.4701, 0.3431, 0.3429
Android (android.graphics.Color)	4292789432 (0xFFDEC4B8)
YUV	202.4060, -9.0742, 17.1839
Hunter-Lab	76.4657, 2.7559, 12.0105

Details

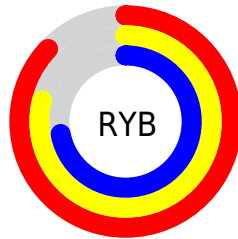
The Yxy color **58.4701, 0.3431, 0.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5138, 0.2863, 0.3147**, and the grayscale version is **59.3763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8018, 0.3216, 0.3415**, and **29.2002, 0.3518, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **51.1157, 0.3653, 0.3516**, and if you desaturate by 10%, it is **66.6668, 0.3243, 0.3346**.

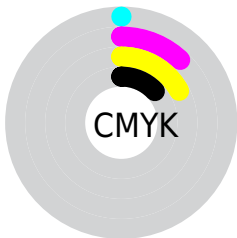
Distribution



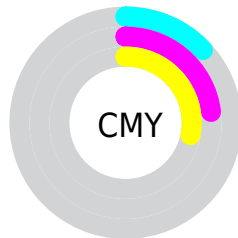
- Red (87%)
- Green (77%)
- Blue (72%)



- Red (87%)
- Yellow (79%)
- Blue (72%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4701, 0.3431, 0.3429 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 58.4701, 0.3431, 0.3429 by changing the saturation by 10% instead.


 58.4701, 0.3431,
0.3429

 58.4701, 0.3431,
0.3429


418.9354, 0.3284,
0.3364

 42.1867, 0.3466,
0.3444


 102.6071, 0.3379,
0.3406

 29.2475, 0.3511,
0.3463


131.2295, 0.3359,
0.3397

 19.2681, 0.3569,
0.3487


164.7337, 0.3342,
0.3390

 11.8642, 0.3647,
0.3518

203.5041, 0.3327,
0.3383

 6.6513, 0.3759,
0.3560

247.9251, 0.3314,
0.3378

 3.2450, 0.3931,
0.3622

298.3810, 0.3303,

 1.2609, 0.4264,

0.3372

355.2563, 0.3293,
0.3368

0.3745

0.1106, 0.7178,
0.2822

0.0000, 0.0000,
0.0000

58.4701, 0.3431,
0.3429

58.4701, 0.3431,
0.3429

51.1157, 0.3653,
0.3516

66.6668, 0.3243,
0.3346

44.5687, 0.3913,
0.3604

75.7240, 0.3084,
0.3268

38.8028, 0.4213,
0.3687

85.6688, 0.2950,
0.3196

33.7876, 0.4548,
0.3757

94.2624, 0.2929,
0.3289

■ 29.4905, 0.4908,
0.3803

■ 25.8760, 0.5270,
0.3813

■ 22.9055, 0.5602,
0.3777

■ 20.5341, 0.5871,
0.3693

■ 19.9475, 0.5940,
0.3666

Harmonies

Analogous

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



58.4701, 0.3390, 0.3300



58.4701, 0.3431, 0.3429



58.4701, 0.3389, 0.3525

Triad

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



58.4701, 0.3431, 0.3429



58.4701, 0.2977, 0.3412



58.4701, 0.2976, 0.3032

Complementary

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



58.4701, 0.3431, 0.3429



61.5138, 0.2863, 0.3147

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.



58.4701, 0.2870, 0.3054



58.4701, 0.3431, 0.3429



58.4701, 0.2871, 0.3271

Square

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



58.4701, 0.3431, 0.3429



58.4701, 0.3125, 0.3519



58.4701, 0.2833, 0.3140



58.4701, 0.3124, 0.3075

Rectangle

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



58.4701, 0.3431, 0.3429



58.4701, 0.3319, 0.3557



58.4701, 0.2833, 0.3140



58.4701, 0.2934, 0.3032

Sweetspot

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



58.4727, 0.3431, 0.3429



93.7749, 0.3208, 0.3329



54.4480, 0.3241, 0.2997



19.8896, 0.3220, 0.3335



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.



58.4727, 0.3431, 0.3429



75.8616, 0.3517, 0.3464



67.5804, 0.3396, 0.3639



14.4061, 0.3284, 0.3365



12.0308, 0.5913, 0.3687



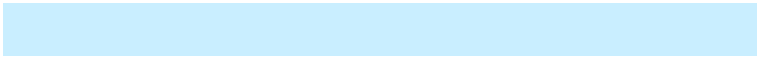
0.9912, 0.5611, 0.3927

Inverse Universe

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



61.5138, 0.2863, 0.3147



80.8638, 0.2801, 0.3109



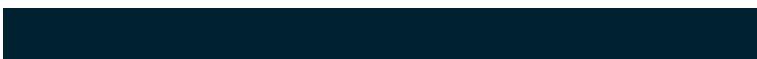
52.6994, 0.2852, 0.2915



14.8012, 0.2982, 0.3214



16.6079, 0.1951, 0.2224



1.3100, 0.2002, 0.2408

Previews

White Background



This preview shows how the Yxy color 58.4701, 0.3431, 0.3429 looks on a white background.

Color Contrast Check

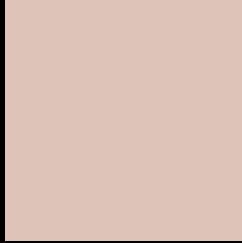
Large Text (above 18pt) WCAG AA × Fail

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 58.4701, 0.3431, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

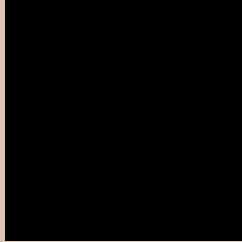
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4701, 0.3431, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 58.4701, 0.3431, 0.3429.



This preview shows how white text looks on a background with the Yxy color 58.4701, 0.3431, 0.3429.

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

58.4701, 0.3431, 0.3429

Protanopia

58.7284, 0.3293, 0.3468

Deuteranopia

58.3752, 0.3477, 0.3404



Tritanopia

58.7015, 0.3272, 0.3123

Trichromacy



Original Color

58.4701, 0.3431, 0.3429

Protanomaly

58.4958, 0.3344, 0.3455

Deuteranomaly

58.4985, 0.3458, 0.3416

Tritanomaly

58.5544, 0.3333, 0.3234

Monochromacy



Original Color

58.4701, 0.3431, 0.3429

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8040, 0.3235, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4701, 0.3431, 0.3429 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(222, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(222, 196, 184)  
}
```

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(222, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 184) }
```

Border

The CSS property to change the border of an element to Yxy 58.4701, 0.3431, 0.3429 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(222, 196, 184) }
```

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

```
.border{ border-color:rgb(222, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(222, 196,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4701, 0.3431, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 196, 184) }
```

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

```
.background{ background-color: rgb(222,  
196, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor