

Converting Colors

Yxy(58.4261, 0.3376, 0.3488)

Have a look what the booklet for
Yxy(58.4261, 0.3376, 0.3488)
contains.

Yxy(58.5204, 0.3375, 0.3490)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.5204, 0.3375, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	D6C7B6
RGB	214, 199, 182
RGB Percent	84%, 78%, 71%
CMY	0.1609, 0.2195, 0.2863
CMYK	0.00, 0.07, 0.15, 0.16
HSL	32°, 28%, 78%
HSV	32°, 15%, 84%
XYZ	56.5921, 58.5204, 52.5678
YIQ	201.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

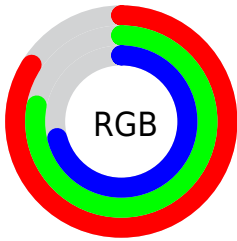
Format	Color
R _Y B	210, 214, 182
Decimal	14075830
CIE Lab	81.03, 2.42, 10.39
CIE LCh	81, 10.668, 76.902
Yxy	58.5204, 0.3375, 0.3490
Android (android.graphics.Color)	4292265910 (0xFFD6C7B6)
YUV	201.5470, -9.6367, 10.9213
Hunter-Lab	76.4986, -1.8220, 12.8066

Details

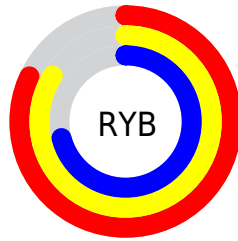
The Yxy color **58.5204, 0.3375, 0.3490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7114, 0.2894, 0.3082**, and the grayscale version is **58.8196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **29.2067, 0.3441, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **53.2485, 0.3568, 0.3632**, and if you desaturate by 10%, it is **64.2357, 0.3204, 0.3354**.

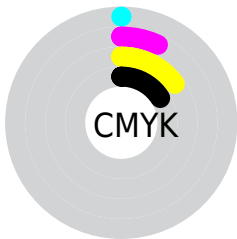
Distribution



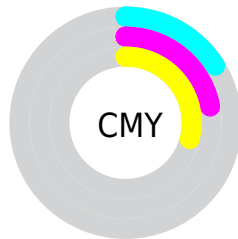
- Red (84%)
- Green (78%)
- Blue (71%)



- Red (82%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5204, 0.3375, 0.3490 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 58.5204, 0.3375, 0.3490 by changing the saturation by 10% instead.


 58.5204, 0.3375,
0.3490

 58.5204, 0.3375,
0.3490


419.1223, 0.3255,
0.3394

 42.2272, 0.3404,
0.3513


 102.6803, 0.3332,
0.3456

 29.2792, 0.3440,
0.3541


131.3157, 0.3316,
0.3443

 19.2921, 0.3486,
0.3577


164.8340, 0.3302,
0.3432

 11.8816, 0.3549,
0.3626

203.6196, 0.3290,
0.3423

 6.6631, 0.3639,
0.3695

248.0568, 0.3280,
0.3414

 3.2523, 0.3776,
0.3797

298.5301, 0.3271,

 1.2648, 0.4064,

0.3407

0.4020

355.4238, 0.3263,
0.3400

0.1137, 0.5950,
0.4050

0.0000, 0.0000,
0.0000

58.5204, 0.3375,
0.3490

58.5204, 0.3375,
0.3490

53.2485, 0.3568,
0.3632

64.2357, 0.3204,
0.3354

48.4003, 0.3784,
0.3775

70.3980, 0.3054,
0.3226

43.9658, 0.4021,
0.3914

77.0207, 0.2922,
0.3108

39.9319, 0.4275,
0.4041

83.2767, 0.2876,
0.3124

■ 36.2841, 0.4537,
0.4143

■ 89.3029, 0.2880,
0.3228

■ 33.0071, 0.4794,
0.4208

■ 93.0319, 0.2883,
0.3289

■ 30.0837, 0.5031,
0.4224

■ 27.4941, 0.5234,
0.4187

■ 26.2980, 0.5326,
0.4153

Harmonies

Analogous

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



58.5204, 0.3399, 0.3396



58.5204, 0.3375, 0.3490



58.5204, 0.3283, 0.3532

Triad

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



58.5204, 0.3375, 0.3490



58.5204, 0.2910, 0.3297



58.5204, 0.3099, 0.3084

Complementary

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



58.5204, 0.3375, 0.3490



54.7114, 0.2894, 0.3082

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.



58.5204, 0.2970, 0.3056



58.5204, 0.3375, 0.3490



58.5204, 0.2863, 0.3175

Square

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



58.5204, 0.3375, 0.3490



58.5204, 0.3015, 0.3420



58.5204, 0.2884, 0.3088



58.5204, 0.3238, 0.3165

Rectangle

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



58.5204, 0.3375, 0.3490



58.5204, 0.3197, 0.3524



58.5204, 0.2884, 0.3088



58.5204, 0.3053, 0.3069

Sweetspot

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



58.5230, 0.3375, 0.3490



96.3536, 0.3190, 0.3342



51.7996, 0.3276, 0.3109



20.4795, 0.3202, 0.3352



0.0000, 0.0000, 0.0000



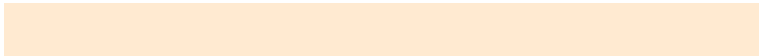
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5230, 0.3375, 0.3490



84.4453, 0.3435, 0.3535



65.6682, 0.3346, 0.3659



13.5041, 0.3278, 0.3414



16.1103, 0.5305, 0.4170



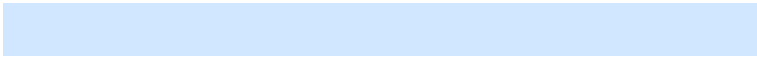
1.1368, 0.5062, 0.4363

Inverse Universe

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



54.7114, 0.2894, 0.3082



77.7027, 0.2842, 0.3032



48.3194, 0.2891, 0.2894



12.9569, 0.2982, 0.3163



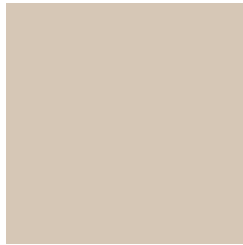
8.6610, 0.1745, 0.1482



0.6872, 0.1836, 0.1808

Previews

White Background



This preview shows how the Yxy color 58.5204, 0.3375, 0.3490 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 58.5204, 0.3375, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

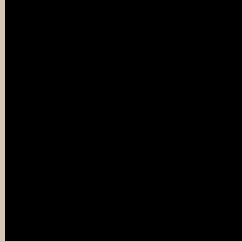
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5204, 0.3375, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 58.5204, 0.3375, 0.3490.



This preview shows how white text looks on a background with the Yxy color 58.5204, 0.3375, 0.3490.

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

58.5204, 0.3375, 0.3490

Protanopia

58.7475, 0.3324, 0.3504

Deuteranopia

58.3334, 0.3485, 0.3416



Tritanopia

58.5888, 0.3199, 0.3120

Trichromacy



Original Color

58.5204, 0.3375, 0.3490

Protanomaly

58.5763, 0.3341, 0.3491

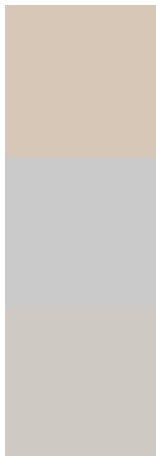
Deuteranomaly

58.4283, 0.3439, 0.3440

Tritanomaly

58.4017, 0.3266, 0.3245

Monochromacy



Original Color

58.5204, 0.3375, 0.3490

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8352, 0.3210, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5204, 0.3375, 0.3490 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(214, 199, 182)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 182)  
}
```

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(214, 199, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 182) }
```

Border

The CSS property to change the border of an element to Yxy 58.5204, 0.3375, 0.3490 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(214, 199, 182) }
```

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

```
.border{ border-color:rgb(214, 199, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 199, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 182);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5204, 0.3375, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 199, 182) }
```

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

```
.background{ background-color: rgb(214,  
199, 182) }
```

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