

Converting Colors

$Yxy(48.6499, 0.3632, 0.3565)$

Have a look what the booklet for
Yxy(48.6499, 0.3632, 0.3565)
contains.

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Color

Yxy(48.7866, 0.3628, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	D5B39C
RGB	213, 179, 156
RGB Percent	84%, 70%, 61%
CMY	0.1647, 0.2980, 0.3881
CMYK	0.00, 0.16, 0.27, 0.16
HSL	24°, 40%, 72%
HSV	24°, 27%, 84%
XYZ	49.5653, 48.7866, 38.2669
YIQ	186.5440, 27.6470, 0.0550

Conversions

Conversions Part 2

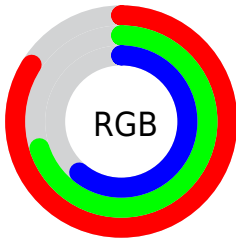
Format	Color
R_{YB}	213, 195, 156
Decimal	14005148
CIE _{Lab}	75.32, 8.84, 16.31
CIE _{LCh}	75, 18.548, 61.534
Yxy	48.7866, 0.3628, 0.3571
Android (android.graphics.Color)	4292195228 (0xFFD5B39C)
YUV	186.5440, -15.0582, 23.2019
Hunter-Lab	69.8474, 4.4348, 16.4103

Details

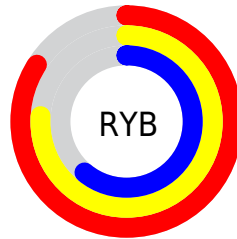
The Yxy color **48.7866, 0.3628, 0.3571** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7176, 0.2710, 0.2991**, and the grayscale version is **49.5011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3798, 0.3420, 0.3531**, and **23.2107, 0.3774, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **43.2658, 0.3870, 0.3681**, and if you desaturate by 10%, it is **54.9083, 0.3417, 0.3462**.

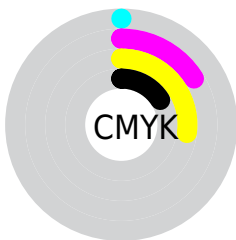
Distribution



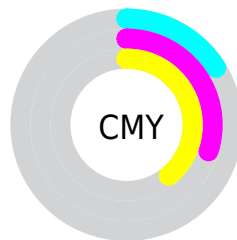
- Red (84%)
- Green (70%)
- Blue (61%)



- Red (84%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7866, 0.3628, 0.3571 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 48.7866, 0.3628, 0.3571 by changing the saturation by 10% instead.


 48.7866, 0.3628,
0.3571


 48.7866, 0.3628,
0.3571


381.9016, 0.3378,
0.3436

 34.4502, 0.3690,
0.3603


 88.3744, 0.3537,
0.3523

 23.2397, 0.3769,
0.3642


 114.3947, 0.3503,
0.3505

 14.7706, 0.3874,
0.3693


145.0783, 0.3474,
0.3489

 8.6585, 0.4019,
0.3759

180.8098, 0.3450,
0.3476

 4.5191, 0.4230,
0.3849

221.9735, 0.3428,
0.3464

 1.9680, 0.4583,
0.3986

268.9537, 0.3409,

 0.5888, 0.5684,

0.3454

0.4316

322.1350, 0.3393,
0.3444

0.0000, 0.0000,
0.0000

48.7866, 0.3628,
0.3571

48.7866, 0.3628,
0.3571

43.2658, 0.3870,
0.3681

54.9083, 0.3417,
0.3462

38.3200, 0.4144,
0.3787

61.6425, 0.3235,
0.3357

33.9309, 0.4446,
0.3879

69.0088, 0.3079,
0.3259

30.0769, 0.4765,
0.3946

77.0240, 0.2945,
0.3168

26.7343, 0.5084,
0.3976

85.2095, 0.2871,
0.3161

■ 23.8774, 0.5380,
0.3955

■ 92.8878, 0.2877,
0.3289

■ 21.4763, 0.5629,
0.3882

■ 20.7839, 0.5703,
0.3853

Harmonies

Analogous

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



48.7866, 0.3602, 0.3368



48.7866, 0.3628, 0.3571



48.7866, 0.3514, 0.3711

Triad

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



48.7866, 0.3628, 0.3571



48.7866, 0.2815, 0.3423



48.7866, 0.2944, 0.2879

Complementary

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



48.7866, 0.3628, 0.3571



48.7176, 0.2710, 0.2991

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.



48.7866, 0.2746, 0.2878



48.7866, 0.3628, 0.3571



48.7866, 0.2674, 0.3181

Square

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



48.7866, 0.3628, 0.3571



48.7866, 0.3041, 0.3633



48.7866, 0.2649, 0.2984



48.7866, 0.3199, 0.2979

Rectangle

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



48.7866, 0.3628, 0.3571



48.7866, 0.3377, 0.3744



48.7866, 0.2649, 0.2984



48.7866, 0.2869, 0.2867

Sweetspot

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



48.7888, 0.3628, 0.3571



91.2312, 0.3258, 0.3371



41.6601, 0.3364, 0.2880



19.1891, 0.3284, 0.3386



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.



48.7888, 0.3628, 0.3571



68.5789, 0.3759, 0.3633



61.3263, 0.3545, 0.3893



13.2345, 0.3281, 0.3384



12.8826, 0.5678, 0.3874



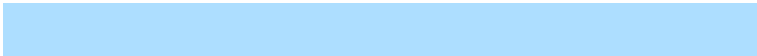
0.9370, 0.5364, 0.4123

Inverse Universe

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



48.7176, 0.2710, 0.2991



68.4467, 0.2623, 0.2918



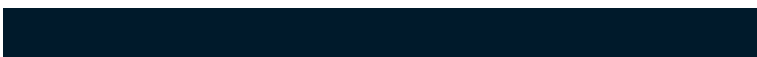
37.6181, 0.2673, 0.2605



13.2289, 0.2982, 0.3194



12.4314, 0.1867, 0.1920



0.9102, 0.1940, 0.2182

Previews

White Background



This preview shows how the Yxy color 48.7866, 0.3628, 0.3571 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 48.7866, 0.3628, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

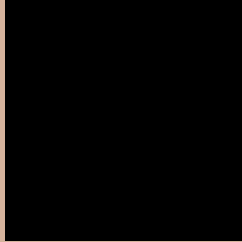
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7866, 0.3628, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 48.7866, 0.3628, 0.3571.



This preview shows how white text looks on a background with the Yxy color 48.7866, 0.3628, 0.3571.

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

48.7866, 0.3628, 0.3571

Protanopia

48.8032, 0.3423, 0.3623

Deuteranopia

48.9366, 0.3637, 0.3570



Tritanopia

48.6547, 0.3394, 0.3126

Trichromacy



Original Color

48.7866, 0.3628, 0.3571

Protanomaly

48.8922, 0.3499, 0.3605

Deuteranomaly

48.9366, 0.3637, 0.3570

Tritanomaly

48.7842, 0.3486, 0.3291

Monochromacy



Original Color

48.7866, 0.3628, 0.3571

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1513, 0.3294, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7866, 0.3628, 0.3571 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(213, 179, 156)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 156)  
}
```

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(213, 179, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 156) }
```

Border

The CSS property to change the border of an element to Yxy 48.7866, 0.3628, 0.3571 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(213, 179, 156) }
```

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

```
.border{ border-color:rgb(213, 179, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 156);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7866, 0.3628, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 156) }
```

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

```
.background{ background-color: rgb(213,  
179, 156) }
```

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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