

Converting Colors

Yxy(57.4447, 0.3467, 0.3741)

Have a look what the booklet for
Yxy(57.4447, 0.3467, 0.3741)
contains.

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Color

Yxy(57.3628, 0.3470, 0.3736)

Conversions

Conversions Part 1

Format	Color
Hex	D0C8A3
RGB	208, 200, 163
RGB Percent	82%, 78%, 64%
CMY	0.1842, 0.2157, 0.3609
CMYK	0.00, 0.04, 0.22, 0.18
HSL	49°, 32%, 73%
HSV	49°, 22%, 82%
XYZ	53.2786, 57.3628, 42.8993
YIQ	198.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

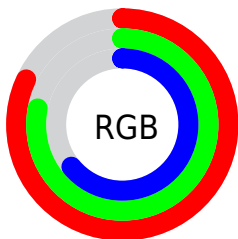
Format	Color
RYB	173, 208, 163
Decimal	13682851
CIELab	80.38, -3.18, 19.56
CIELCh	80, 19.815, 99.239
Yxy	57.3628, 0.3470, 0.3736
Android (android.graphics.Color)	4291872931 (0xFFD0C8A3)
YUV	198.1740, -17.3408, 8.6174
Hunter-Lab	75.7382, -6.9748, 19.4340

Details

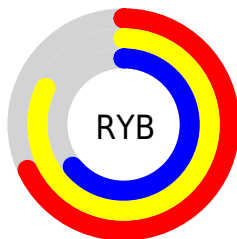
The Yxy color **57.3628, 0.3470, 0.3736** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4577, 0.2773, 0.2801**, and the grayscale version is **56.6844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **28.4778, 0.3556, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **54.9866, 0.3641, 0.3947**, and if you desaturate by 10%, it is **59.9082, 0.3306, 0.3526**.

Distribution



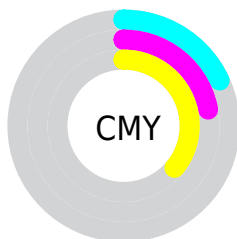
- Red (82%)
- Green (78%)
- Blue (64%)



- Red (68%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (18%)




- Cyan (18%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3628, 0.3470, 0.3736 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 57.3628, 0.3470, 0.3736 by changing the saturation by 10% instead.


 57.3628, 0.3470,
0.3736


 57.3628, 0.3470,
0.3736

414.8074, 0.3306,
0.3520

 41.2966, 0.3509,
0.3788


 100.9944, 0.3412,
0.3659

 28.5509, 0.3557,
0.3853


 129.3285, 0.3390,
0.3630

 18.7414, 0.3619,
0.3937

162.5208, 0.3371,
0.3605

 11.4835, 0.3701,
0.4051

200.9555, 0.3354,
0.3583

 6.3931, 0.3814,
0.4210

245.0172, 0.3340,
0.3564

 3.0855, 0.3975,
0.4447

295.0901, 0.3327,

 1.1765, 0.4661,

0.3548

0.5339

351.5587, 0.3316,
0.3533

0.0424, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3628, 0.3470,
0.3736

57.3628, 0.3470,
0.3736

54.9866, 0.3641,
0.3947

59.9082, 0.3306,
0.3526

52.7658, 0.3814,
0.4152

62.6211, 0.3152,
0.3323

50.6959, 0.3985,
0.4342

65.5095, 0.3009,
0.3130

48.7698, 0.4144,
0.4507

68.5786, 0.2878,
0.2949

■ 46.9790, 0.4286,
0.4637

■ 71.0378, 0.2828,
0.2900

■ 45.3142, 0.4404,
0.4724

■ 72.9846, 0.2830,
0.2940

■ 43.7641, 0.4494,
0.4764

■ 74.9744, 0.2832,
0.2981

■ 42.5421, 0.4550,
0.4769

■ 77.0078, 0.2834,
0.3021

■ 79.0848, 0.2837,
0.3061

Harmonies

Analogous

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



57.3628, 0.3617, 0.3619



57.3628, 0.3470, 0.3736



57.3628, 0.3234, 0.3730

Triad

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



57.3628, 0.3470, 0.3736



57.3628, 0.2650, 0.3122



57.3628, 0.3267, 0.3015

Complementary

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



57.3628, 0.3470, 0.3736



41.4577, 0.2773, 0.2801

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.



57.3628, 0.3005, 0.2892



57.3628, 0.3470, 0.3736



57.3628, 0.2657, 0.2943

Square

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



57.3628, 0.3470, 0.3736



57.3628, 0.2765, 0.3361



57.3628, 0.2784, 0.2863



57.3628, 0.3499, 0.3207

Rectangle

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



57.3628, 0.3470, 0.3736



57.3628, 0.3060, 0.3650



57.3628, 0.2784, 0.2863



57.3628, 0.3179, 0.2965

Sweetspot

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



57.3654, 0.3470, 0.3736



97.3291, 0.3218, 0.3411



42.5449, 0.3484, 0.3189



20.7715, 0.3229, 0.3425



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.



57.3654, 0.3470, 0.3736



89.1452, 0.3549, 0.3835



59.1996, 0.3337, 0.3846



13.4249, 0.3270, 0.3480



26.6381, 0.4544, 0.4774



1.5853, 0.4469, 0.4834

Inverse Universe

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



41.4577, 0.2773, 0.2801



59.5386, 0.2688, 0.2679



40.1131, 0.2884, 0.2711



11.7529, 0.2982, 0.3093



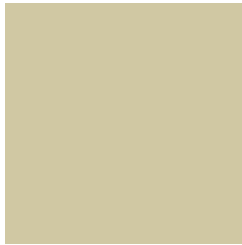
3.7639, 0.1548, 0.0771



0.3163, 0.1636, 0.1088

Previews

White Background



This preview shows how the Yxy color 57.3628, 0.3470, 0.3736 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 57.3628, 0.3470, 0.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

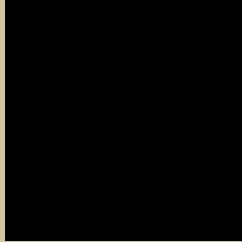
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

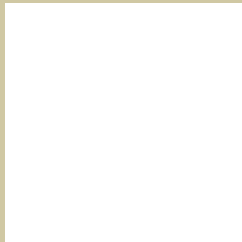
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3628, 0.3470, 0.3736

Background



This preview shows how black text looks on a background with the Yxy color 57.3628, 0.3470, 0.3736.



This preview shows how white text looks on a background with the Yxy color 57.3628, 0.3470, 0.3736.

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

57.3628, 0.3470, 0.3736

Protanopia

57.3044, 0.3505, 0.3733

Deuteranopia

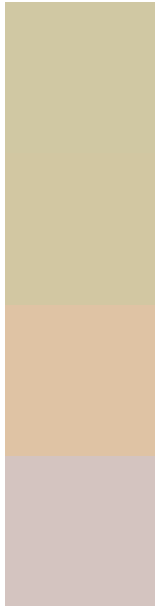
57.4048, 0.3672, 0.3597



Tritanopia

57.4832, 0.3175, 0.3118

Trichromacy



Original Color

57.3628, 0.3470, 0.3736

Protanomaly

57.1571, 0.3497, 0.3734

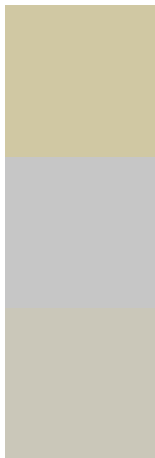
Deuteranomaly

57.3985, 0.3602, 0.3650

Tritanomaly

57.2827, 0.3286, 0.3337

Monochromacy



Original Color

57.3628, 0.3470, 0.3736

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9062, 0.3254, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3628, 0.3470, 0.3736 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(208, 200, 163)` looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 163)  
}
```

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(208, 200, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 163) }
```

Border

The CSS property to change the border of an element to Yxy 57.3628, 0.3470, 0.3736 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(208, 200, 163) }
```

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

```
.border{ border-color:rgb(208, 200, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 200, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 200, 163); box-shadow:4px 4px 4px 4px rgb(208, 200, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3628, 0.3470, 0.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 163) }
```

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

```
.background{ background-color: rgb(208,  
200, 163) }
```

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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