

Converting Colors

$Y_{xy}(60.7094, 0.3752, 0.4075)$

Have a look what the booklet for
Yxy(60.7094, 0.3752, 0.4075)
contains.

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Color

Yxy(60.6844, 0.3750, 0.4073)

Conversions

Conversions Part 1

Format	Color
Hex	DCCD89
RGB	220, 205, 137
RGB Percent	86%, 80%, 54%
CMY	0.1371, 0.1961, 0.4627
CMYK	0.00, 0.07, 0.38, 0.14
HSL	49°, 54%, 70%
HSV	49°, 38%, 86%
XYZ	55.8720, 60.6844, 32.4355
YIQ	201.7330, 30.7680, -17.9680

Conversions

Conversions Part 2

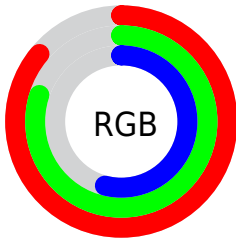
Format	Color
RYB	155, 220, 137
Decimal	14470537
CIELab	82.21, -4.47, 35.75
CIELCh	82, 36.031, 97.122
Yxy	60.6844, 0.3750, 0.4073
Android (android.graphics.Color)	4292660617 (0xFFDCCD89)
YUV	201.7330, -31.9134, 16.0202
Hunter-Lab	77.9002, -8.3007, 29.8434

Details

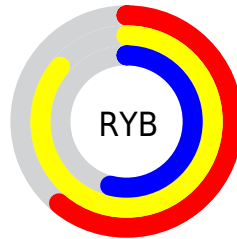
The Yxy color **60.6844, 0.3750, 0.4073** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.9630, 0.2468, 0.2359**, and the grayscale version is **59.0805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **30.6976, 0.3896, 0.4263** is the 20% darker color. If you saturate the color by 10%, you get **58.2346, 0.3923, 0.4270**, and if you desaturate by 10%, it is **63.3172, 0.3576, 0.3865**.

Distribution



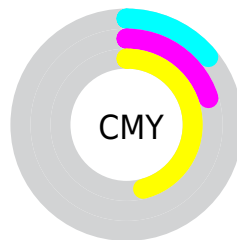
- Red (86%)
- Green (80%)
- Blue (54%)



- Red (61%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (7%)
- Yellow (38%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6844, 0.3750, 0.4073 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 60.6844, 0.3750, 0.4073 by changing the saturation by 10% instead.

 60.6844, 0.3750,
0.4073

 60.6844, 0.3750,
0.4073


427.1159, 0.3460,
0.3701


 43.9705, 0.3815,
0.4159


 105.8218, 0.3650,
0.3943

 30.6473, 0.3894,
0.4264


 135.0142, 0.3611,
0.3893

 20.3305, 0.3991,
0.4396


 169.1348, 0.3577,
0.3849

 12.6355, 0.4110,
0.4564

208.5681, 0.3548,
0.3812

 7.1780, 0.4257,
0.4780

253.6985, 0.3522,
0.3779

 3.5737, 0.4547,
0.5195

304.9103, 0.3499,

 1.4381, 0.4593,

0.3750

0.5407

362.5880, 0.3478,
0.3724

0.2445, 0.3353,
0.6647

0.0000, 0.0000,
0.0000

60.6844, 0.3750,
0.4073

60.6844, 0.3750,
0.4073

58.2346, 0.3923,
0.4270

63.3172, 0.3576,
0.3865

55.9513, 0.4090,
0.4445

66.1322, 0.3406,
0.3653

53.8280, 0.4241,
0.4589

69.1392, 0.3245,
0.3445

51.8546, 0.4370,
0.4692

72.3448, 0.3094,
0.3246

■ 50.0189, 0.4471,
0.4750

■ 75.7553, 0.2956,
0.3058

■ 48.3046, 0.4544,
0.4762

■ 78.4396, 0.2909,
0.3019

■ 47.9279, 0.4559,
0.4762

■ 80.6716, 0.2911,
0.3062

■ 82.9546, 0.2912,
0.3103

■ 85.2891, 0.2913,
0.3145

Harmonies

Analogous

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



60.6844, 0.4009, 0.3826



60.6844, 0.3750, 0.4073



60.6844, 0.3333, 0.4107

Triad

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



60.6844, 0.3750, 0.4073



60.6844, 0.2309, 0.2999



60.6844, 0.3335, 0.2798

Complementary

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



60.6844, 0.3750, 0.4073



32.9630, 0.2468, 0.2359

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.



60.6844, 0.2871, 0.2599



60.6844, 0.3750, 0.4073



60.6844, 0.2308, 0.2687

Square

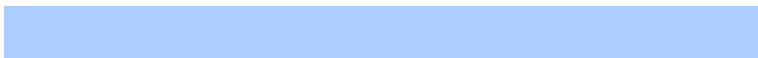
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.6844, 0.3750, 0.4073



60.6844, 0.2509, 0.3440



60.6844, 0.2505, 0.2554



60.6844, 0.3768, 0.3108

Rectangle

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



60.6844, 0.3750, 0.4073



60.6844, 0.3026, 0.3977



60.6844, 0.2505, 0.2554



60.6844, 0.3177, 0.2717

Sweetspot

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



60.6872, 0.3750, 0.4073



95.1218, 0.3298, 0.3514



35.3891, 0.3879, 0.3108



20.2363, 0.3320, 0.3543



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.



60.6872, 0.3750, 0.4073



82.1194, 0.3883, 0.4225



64.4522, 0.3484, 0.4294



14.8414, 0.3271, 0.3480



28.2659, 0.4552, 0.4767



1.9380, 0.4484, 0.4822

Inverse Universe

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



32.9630, 0.2468, 0.2359



38.3250, 0.2317, 0.2132



30.8799, 0.2652, 0.2211



12.9971, 0.2981, 0.3093



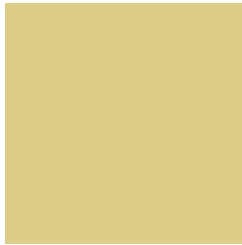
4.0354, 0.1548, 0.0773



0.3771, 0.1626, 0.1055

Previews

White Background



This preview shows how the Yxy color 60.6844, 0.3750, 0.4073 looks on a white background.

Color Contrast Check

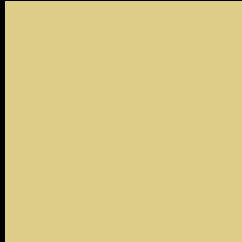
Large Text (above 18pt) WCAG AA × Fail

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 60.6844, 0.3750, 0.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

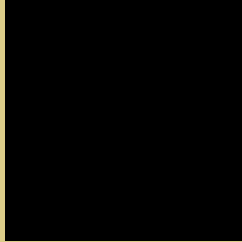
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6844, 0.3750, 0.4073

Background



This preview shows how black text looks on a background with the Yxy color 60.6844, 0.3750, 0.4073.



This preview shows how white text looks on a background with the Yxy color 60.6844, 0.3750, 0.4073.

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

60.6844, 0.3750, 0.4073

Protanopia

60.5215, 0.3770, 0.4058

Deuteranopia

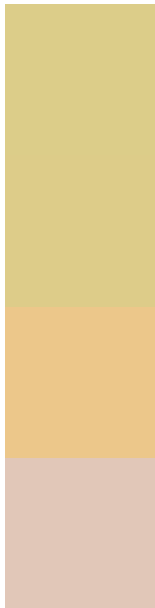
60.7564, 0.3986, 0.3902



Tritanopia

60.6770, 0.3270, 0.3125

Trichromacy



Original Color

60.6844, 0.3750, 0.4073

Protanomaly

60.3640, 0.3762, 0.4060

Deuteranomaly

60.5147, 0.3903, 0.3963

Tritanomaly

60.3151, 0.3450, 0.3461

Monochromacy



Original Color

60.6844, 0.3750, 0.4073

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4815, 0.3358, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6844, 0.3750, 0.4073 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(220, 205, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 137)  
}
```

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(220, 205, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 137) }
```

Border

The CSS property to change the border of an element to Yxy 60.6844, 0.3750, 0.4073 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(220, 205, 137) }
```

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

```
.border{ border-color:rgb(220, 205, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 205, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6844, 0.3750, 0.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 205, 137) }
```

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

```
.background{ background-color: rgb(220,  
205, 137) }
```

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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