

Converting Colors

Yxy(60.6047, 0.3689, 0.4000)

Have a look what the booklet for
Yxy(60.6047, 0.3689, 0.4000)
contains.

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Color

Yxy(60.7363, 0.3690, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	DBCD90
RGB	219, 205, 144
RGB Percent	86%, 80%, 56%
CMY	0.1413, 0.1960, 0.4353
CMYK	0.00, 0.06, 0.34, 0.14
HSL	49°, 51%, 71%
HSV	49°, 34%, 86%
XYZ	56.0713, 60.7363, 35.1471
YIQ	202.2320, 27.9250, -16.0030

Conversions

Conversions Part 2

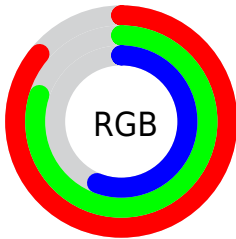
Format	Color
RYB	161, 219, 144
Decimal	14405008
CIELab	82.24, -4.09, 32.18
CIELCh	82, 32.437, 97.244
Yxy	60.7363, 0.3690, 0.3997
Android (android.graphics.Color)	4292595088 (0xFFDBC9)
YUV	202.2320, -28.7084, 14.7055
Hunter-Lab	77.9335, -7.9571, 27.8143

Details

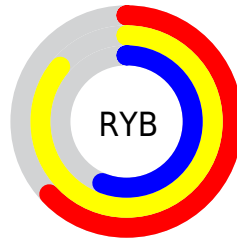
The Yxy color **60.7363, 0.3690, 0.3997** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4745, 0.2536, 0.2465**, and the grayscale version is **59.3834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **30.7101, 0.3821, 0.4169** is the 20% darker color. If you saturate the color by 10%, you get **58.2087, 0.3865, 0.4198**, and if you desaturate by 10%, it is **63.4501, 0.3516, 0.3788**.

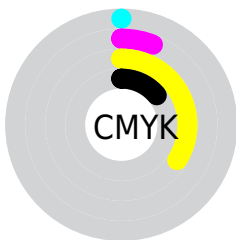
Distribution



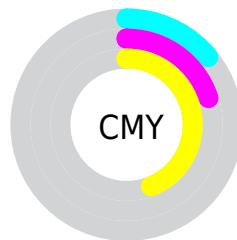
- Red (86%)
- Green (80%)
- Blue (56%)



- Red (63%)
- Yellow (86%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (34%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7363, 0.3690, 0.3997 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 60.7363, 0.3690, 0.3997 by changing the saturation by 10% instead.


 60.7363, 0.3690,
0.3997


 60.7363, 0.3690,
0.3997


427.3065, 0.3426,
0.3660

 44.0124, 0.3750,
0.4075


 105.8970, 0.3599,
0.3879

 30.6802, 0.3823,
0.4172


 135.1026, 0.3563,
0.3833

 20.3555, 0.3913,
0.4294


169.2376, 0.3532,
0.3794

 12.6537, 0.4028,
0.4452

208.6863, 0.3506,
0.3760

 7.1905, 0.4172,
0.4659

253.8331, 0.3482,
0.3730

 3.5815, 0.4403,
0.4996

305.0625, 0.3461,

 1.4424, 0.4617,

0.3704

0.5383

362.7588, 0.3443,
0.3681

0.2476, 0.3537,
0.6463

0.0000, 0.0000,
0.0000

60.7363, 0.3690,
0.3997

60.7363, 0.3690,
0.3997

58.2087, 0.3865,
0.4198

63.4501, 0.3516,
0.3788

55.8510, 0.4036,
0.4381

66.3491, 0.3349,
0.3578

53.6573, 0.4195,
0.4537

69.4429, 0.3191,
0.3374

51.6179, 0.4334,
0.4654

72.7378, 0.3044,
0.3179

■ 49.7216, 0.4447,
0.4727

■ 76.2399, 0.2910,
0.2997

■ 47.9548, 0.4531,
0.4754

■ 78.5729, 0.2903,
0.3025

■ 46.9839, 0.4570,
0.4753

■ 80.8607, 0.2904,
0.3068

■ 83.2019, 0.2905,
0.3110

■ 85.5967, 0.2907,
0.3153

Harmonies

Analogous

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



60.7363, 0.3922, 0.3780



60.7363, 0.3690, 0.3997



60.7363, 0.3314, 0.4021

Triad

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



60.7363, 0.3690, 0.3997



60.7363, 0.2385, 0.3030



60.7363, 0.3318, 0.2844

Complementary

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



60.7363, 0.3690, 0.3997



35.4745, 0.2536, 0.2465

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.



60.7363, 0.2899, 0.2663



60.7363, 0.3690, 0.3997



60.7363, 0.2385, 0.2746

Square

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



60.7363, 0.3690, 0.3997



60.7363, 0.2568, 0.3425



60.7363, 0.2566, 0.2623



60.7363, 0.3705, 0.3129

Rectangle

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



60.7363, 0.3690, 0.3997



60.7363, 0.3037, 0.3902



60.7363, 0.2566, 0.2623



60.7363, 0.3175, 0.2770

Sweetspot

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



60.7391, 0.3690, 0.3997



95.4745, 0.3282, 0.3492



37.5004, 0.3768, 0.3110



20.3043, 0.3304, 0.3521



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.



60.7391, 0.3690, 0.3997



83.2045, 0.3815, 0.4141



64.4607, 0.3464, 0.4193



14.8303, 0.3271, 0.3479



28.0179, 0.4563, 0.4759



1.9240, 0.4492, 0.4815

Inverse Universe

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



35.4745, 0.2536, 0.2465



42.4614, 0.2398, 0.2259



33.2143, 0.2695, 0.2320



13.0073, 0.2981, 0.3094



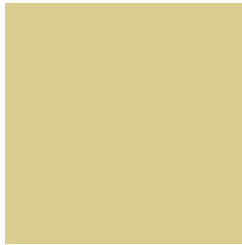
4.0803, 0.1550, 0.0780



0.3819, 0.1630, 0.1066

Previews

White Background



This preview shows how the Yxy color 60.7363, 0.3690, 0.3997 looks on a white background.

Color Contrast Check

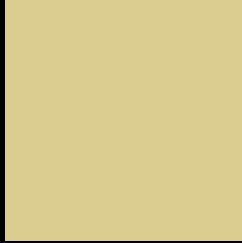
Large Text (above 18pt) WCAG AA × Fail

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 60.7363, 0.3690, 0.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

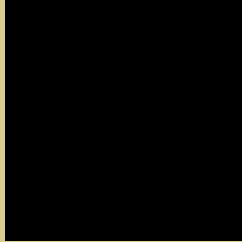
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7363, 0.3690, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 60.7363, 0.3690, 0.3997.



This preview shows how white text looks on a background with the Yxy color 60.7363, 0.3690, 0.3997.

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

60.7363, 0.3690, 0.3997

Protanopia

60.5715, 0.3711, 0.3982

Deuteranopia

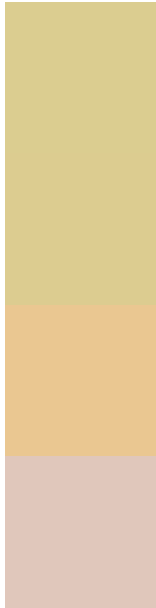
60.6099, 0.3914, 0.3833



Tritanopia

60.5642, 0.3254, 0.3114

Trichromacy



Original Color

60.7363, 0.3690, 0.3997

Protanomaly

60.4150, 0.3702, 0.3984

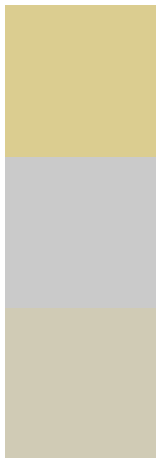
Deuteranomaly

60.3836, 0.3833, 0.3892

Tritanomaly

60.2820, 0.3419, 0.3427

Monochromacy



Original Color

60.7363, 0.3690, 0.3997

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4580, 0.3327, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7363, 0.3690, 0.3997 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(219, 205, 144)` looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 144)  
}
```

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(219, 205, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 144) }
```

Border

The CSS property to change the border of an element to Yxy 60.7363, 0.3690, 0.3997 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(219, 205, 144) }
```

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

```
.border{ border-color:rgb(219, 205, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 205, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 205, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 205, 144);  
box-shadow:4px 4px 4px 4px rgb(219, 205,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7363, 0.3690, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 144) }
```

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

```
.background{ background-color: rgb(219,  
205, 144) }
```

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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