

Converting Colors

$Yxy(63.3197, 0.3725, 0.4127)$

Have a look what the booklet for
Yxy(63.3197, 0.3725, 0.4127)
contains.

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Color

Yxy(63.1150, 0.3730, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	DCD289
RGB	220, 210, 137
RGB Percent	86%, 82%, 54%
CMY	0.1371, 0.1765, 0.4627
CMYK	0.00, 0.05, 0.38, 0.14
HSL	53°, 54%, 70%
HSV	53°, 38%, 86%
XYZ	57.0851, 63.1150, 32.8431
YIQ	204.6680, 29.3930, -20.5830

Conversions

Conversions Part 2

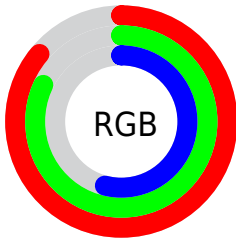
Format	Color
RYB	148, 220, 137
Decimal	14471817
CIELab	83.50, -7.04, 37.43
CIELCh	84, 38.083, 100.645
Yxy	63.1150, 0.3730, 0.4124
Android (android.graphics.Color)	4292661897 (0xFFDCD289)
YUV	204.6680, -33.3603, 13.4462
Hunter-Lab	79.4449, -10.7676, 31.1006

Details

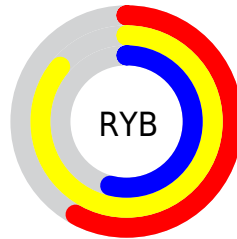
The Yxy color **63.1150, 0.3730, 0.4124** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3704, 0.2457, 0.2289**, and the grayscale version is **61.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **32.3413, 0.3864, 0.4327** is the 20% darker color. If you saturate the color by 10%, you get **61.2466, 0.3891, 0.4331**, and if you desaturate by 10%, it is **65.1398, 0.3565, 0.3903**.

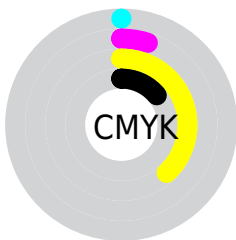
Distribution



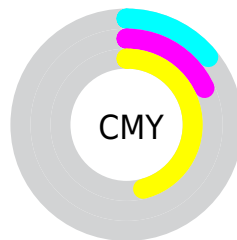
- Red (86%)
- Green (82%)
- Blue (54%)



- Red (58%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (14%)





- Cyan (14%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1150, 0.3730, 0.4124 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 63.1150, 0.3730, 0.4124 by changing the saturation by 10% instead.


 63.1150, 0.3730,
0.4124


 63.1150, 0.3730,
0.4124

435.9867, 0.3453,
0.3729

 45.9342, 0.3791,
0.4215


 109.3354, 0.3635,
0.3986

 32.1939, 0.3864,
0.4326

 139.1438, 0.3598,
0.3932

 21.5097, 0.3953,
0.4466


 173.9303, 0.3566,
0.3886

 13.4971, 0.4060,
0.4644

214.0792, 0.3538,
0.3847

 7.7717, 0.4188,
0.4873

259.9749, 0.3513,
0.3812

 3.9492, 0.4426,
0.5285

312.0018, 0.3491,

 1.6452, 0.4448,

0.3781

0.5552

370.5442, 0.3471,
0.3753

0.3878, 0.3367,
0.6633

0.0000, 0.0000,
0.0000

63.1150, 0.3730,
0.4124

63.1150, 0.3730,
0.4124

61.2466, 0.3891,
0.4331

65.1398, 0.3565,
0.3903

59.5179, 0.4040,
0.4515


67.3196, 0.3401,
0.3679

57.9231, 0.4172,
0.4667

69.6641, 0.3243,
0.3456


56.4519, 0.4281,
0.4777


72.1797, 0.3094,
0.3242


 55.0928, 0.4361,
0.4843

 74.8723, 0.2955,
0.3040


 53.8295, 0.4415,
0.4865

 76.8107, 0.2908,
0.2988

 53.5505, 0.4426,
0.4868

 78.2686, 0.2909,
0.3016

 79.7490, 0.2910,
0.3044

 81.2520, 0.2911,
0.3072

Harmonies

Analogous

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



63.1150, 0.4027, 0.3884



63.1150, 0.3730, 0.4124



63.1150, 0.3283, 0.4130

Triad

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



63.1150, 0.3730, 0.4124



63.1150, 0.2265, 0.2938



63.1150, 0.3401, 0.2811

Complementary

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



63.1150, 0.3730, 0.4124



31.3704, 0.2457, 0.2289

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.



63.1150, 0.2913, 0.2589



63.1150, 0.3730, 0.4124



63.1150, 0.2290, 0.2635

Square

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



63.1150, 0.3730, 0.4124



63.1150, 0.2449, 0.3389



63.1150, 0.2516, 0.2521



63.1150, 0.3839, 0.3143

Rectangle

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



63.1150, 0.3730, 0.4124



63.1150, 0.2965, 0.3973



63.1150, 0.2516, 0.2521



63.1150, 0.3236, 0.2723

Sweetspot

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



63.1179, 0.3730, 0.4124



96.1784, 0.3296, 0.3530



35.2553, 0.3926, 0.3158



20.4897, 0.3317, 0.3561



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.



63.1179, 0.3730, 0.4124



86.1455, 0.3853, 0.4284



63.9050, 0.3452, 0.4305



14.9811, 0.3270, 0.3494



31.5274, 0.4422, 0.4871



2.1198, 0.4380, 0.4905

Inverse Universe

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



31.3704, 0.2457, 0.2289



35.9696, 0.2302, 0.2045



31.3276, 0.2688, 0.2222



12.8695, 0.2981, 0.3078



3.5677, 0.1526, 0.0694



0.3169, 0.1587, 0.0912

Previews

White Background



This preview shows how the Yxy color 63.1150, 0.3730, 0.4124 looks on a white background.

Color Contrast Check

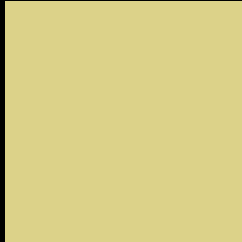
Large Text (above 18pt) WCAG AA × Fail

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 63.1150, 0.3730, 0.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

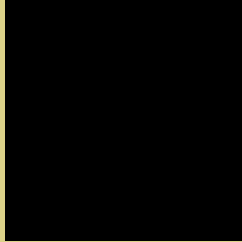
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1150, 0.3730, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 63.1150, 0.3730, 0.4124.



This preview shows how white text looks on a background with the Yxy color 63.1150, 0.3730, 0.4124.

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

63.1150, 0.3730, 0.4124

Protanopia

63.0581, 0.3795, 0.4100

Deuteranopia

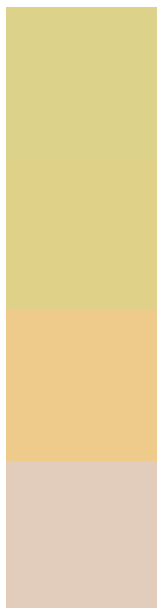
62.8507, 0.4005, 0.3924



Tritanopia

62.9244, 0.3236, 0.3116

Trichromacy



Original Color

63.1150, 0.3730, 0.4124

Protanomaly

63.2258, 0.3774, 0.4115

Deuteranomaly

62.7240, 0.3902, 0.3999

Tritanomaly

62.9423, 0.3426, 0.3482

Monochromacy



Original Color

63.1150, 0.3730, 0.4124

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6226, 0.3345, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1150, 0.3730, 0.4124 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, 210, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 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, 210, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 137) }
```

Border

The CSS property to change the border of an element to Yxy 63.1150, 0.3730, 0.4124 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, 210, 137) }
```

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

```
.border{ border-color:rgb(220, 210, 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, 210, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1150, 0.3730, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 137) }
```

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

```
.background{ background-color: rgb(220,  
210, 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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