

Converting Colors

Yxy(63.9320, 0.3724, 0.4141)

Have a look what the booklet for
Yxy(63.9320, 0.3724, 0.4141)
contains.

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Color

Yxy(64.1088, 0.3722, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	DCD489
RGB	220, 212, 137
RGB Percent	86%, 83%, 54%
CMY	0.1372, 0.1686, 0.4627
CMYK	0.00, 0.04, 0.38, 0.14
HSL	54°, 54%, 70%
HSV	54°, 38%, 86%
XYZ	57.5803, 64.1088, 33.0136
YIQ	205.8420, 28.8430, -21.6290

Conversions

Conversions Part 2

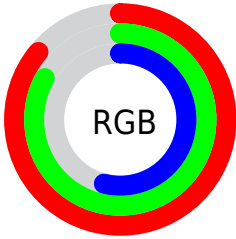
Format	Color
RYB	146, 220, 137
Decimal	14472329
CIELab	84.02, -8.06, 38.09
CIElCh	84, 38.934, 101.945
Yxy	64.1088, 0.3722, 0.4144
Android (android.graphics.Color)	4292662409 (0xFFDCD489)
YUV	205.8420, -33.9391, 12.4166
Hunter-Lab	80.0680, -11.7519, 31.6012

Details

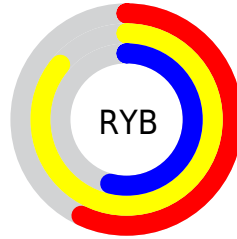
The Yxy color **64.1088, 0.3722, 0.4144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.7539, 0.2453, 0.2261**, and the grayscale version is **61.8270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **33.0181, 0.3851, 0.4352** is the 20% darker color. If you saturate the color by 10%, you get **62.4866, 0.3878, 0.4355**, and if you desaturate by 10%, it is **65.8797, 0.3561, 0.3919**.

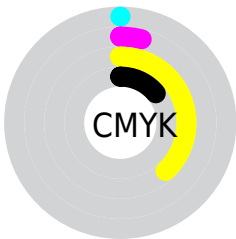
Distribution



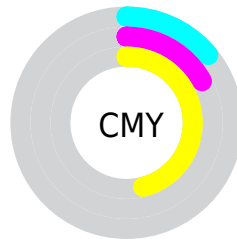
- Red (86%)
- Green (83%)
- Blue (54%)



- Red (57%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (4%)
- Yellow (38%)
- Black (14%)





- Cyan (14%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1088, 0.3722, 0.4144 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 64.1088, 0.3722, 0.4144 by changing the saturation by 10% instead.

 64.1088, 0.3722,
0.4144

 64.1088, 0.3722,
0.4144


439.5824, 0.3450,
0.3739


 46.7388, 0.3781,
0.4237


 110.7676, 0.3630,
0.4003

 32.8292, 0.3852,
0.4351


 140.8252, 0.3593,
0.3948

 21.9956, 0.3938,
0.4493


 175.8808, 0.3561,
0.3901

 13.8537, 0.4041,
0.4675

216.3188, 0.3534,
0.3860

 8.0190, 0.4161,
0.4908

262.5235, 0.3509,
0.3824

 4.1071, 0.4380,
0.5319

314.8795, 0.3487,

 1.7337, 0.4394,

0.3793

0.5606

373.7710, 0.3468,
0.3765

0.4453, 0.3372,
0.6628

0.0000, 0.0000,
0.0000

64.1088, 0.3722,
0.4144

64.1088, 0.3722,
0.4144

62.4866, 0.3878,
0.4355

65.8797, 0.3561,
0.3919

60.9962, 0.4021,
0.4543


67.7977, 0.3400,
0.3689


59.6319, 0.4146,
0.4697

69.8724, 0.3243,
0.3461


58.3837, 0.4246,
0.4810

72.1102, 0.3094,
0.3241


 57.2399, 0.4320,
0.4878

 74.5170, 0.2955,
0.3033


 56.1844, 0.4367,
0.4904

 76.1611, 0.2908,
0.2975

 55.9506, 0.4376,
0.4908

 77.3170, 0.2908,
0.2998

 78.4872, 0.2909,
0.3020

 79.6719, 0.2910,
0.3043

Harmonies

Analogous

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



64.1088, 0.4033, 0.3906



64.1088, 0.3722, 0.4144



64.1088, 0.3264, 0.4139

Triad

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



64.1088, 0.3722, 0.4144



64.1088, 0.2248, 0.2914



64.1088, 0.3427, 0.2816

Complementary

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



64.1088, 0.3722, 0.4144



30.7539, 0.2453, 0.2261

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.



64.1088, 0.2930, 0.2585



64.1088, 0.3722, 0.4144



64.1088, 0.2283, 0.2615

Square

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



64.1088, 0.3722, 0.4144



64.1088, 0.2426, 0.3368



64.1088, 0.2521, 0.2509



64.1088, 0.3867, 0.3156

Rectangle

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



64.1088, 0.3722, 0.4144



64.1088, 0.2942, 0.3971



64.1088, 0.2521, 0.2509



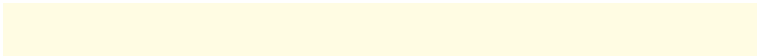
64.1088, 0.3260, 0.2725

Sweetspot

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



64.1117, 0.3722, 0.4144



96.6050, 0.3295, 0.3537



35.1709, 0.3958, 0.3192



20.5920, 0.3316, 0.3568



0.0000, 0.0000, 0.0000



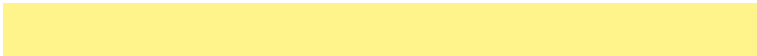
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1117, 0.3722, 0.4144



87.8049, 0.3842, 0.4307



63.5477, 0.3431, 0.4312



15.0374, 0.3269, 0.3499



32.9201, 0.4373, 0.4910



2.1965, 0.4340, 0.4936

Inverse Universe

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



30.7539, 0.2453, 0.2261



35.0617, 0.2296, 0.2011



31.6368, 0.2712, 0.2229



12.8187, 0.2981, 0.3072



3.4263, 0.1519, 0.0669



0.2928, 0.1570, 0.0853

Previews

White Background



This preview shows how the Yxy color 64.1088, 0.3722, 0.4144 looks on a white background.

Color Contrast Check

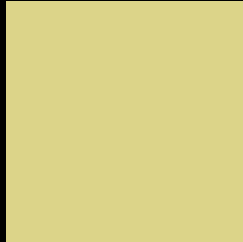
Large Text (above 18pt) WCAG AA × Fail

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 64.1088, 0.3722, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

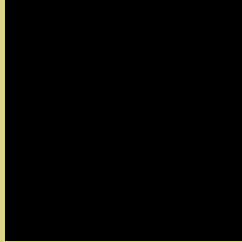
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1088, 0.3722, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 64.1088, 0.3722, 0.4144.



This preview shows how white text looks on a background with the Yxy color 64.1088, 0.3722, 0.4144.

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

64.1088, 0.3722, 0.4144

Protanopia

63.8725, 0.3807, 0.4105

Deuteranopia

63.7112, 0.4009, 0.3919



Tritanopia

63.9610, 0.3220, 0.3116

Trichromacy



Original Color

64.1088, 0.3722, 0.4144

Protanomaly

63.8783, 0.3778, 0.4122

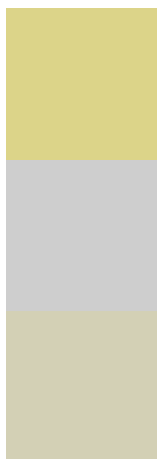
Deuteranomaly

63.5751, 0.3907, 0.3994

Tritanomaly

63.9855, 0.3407, 0.3481

Monochromacy



Original Color

64.1088, 0.3722, 0.4144

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2968, 0.3344, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1088, 0.3722, 0.4144 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, 212, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 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, 212, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 137) }
```

Border

The CSS property to change the border of an element to Yxy 64.1088, 0.3722, 0.4144 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, 212, 137) }
```

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

```
.border{ border-color:rgb(220, 212, 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, 212, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1088, 0.3722, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 137) }
```

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

```
.background{ background-color: rgb(220,  
212, 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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