

Converting Colors

Yxy(64.3331, 0.3672, 0.4131)

Have a look what the booklet for
Yxy(64.3331, 0.3672, 0.4131)
contains.

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Color

Yxy(64.2337, 0.3673, 0.4129)

Conversions

Conversions Part 1

Format	Color
Hex	D9D58C
RGB	217, 213, 140
RGB Percent	85%, 84%, 55%
CMY	0.1491, 0.1647, 0.4510
CMYK	0.00, 0.02, 0.35, 0.15
HSL	57°, 50%, 70%
HSV	57°, 35%, 85%
XYZ	57.1398, 64.2337, 34.1937
YIQ	205.8740, 25.8170, -21.8550

Conversions

Conversions Part 2

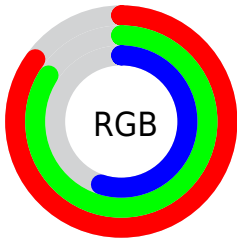
Format	Color
RYB	144, 217, 140
Decimal	14275980
CIELab	84.09, -9.42, 36.62
CIELCh	84, 37.813, 104.425
Yxy	64.2337, 0.3673, 0.4129
Android (android.graphics.Color)	4292466060 (0xFFD9D58C)
YUV	205.8740, -32.4759, 9.7575
Hunter-Lab	80.1459, -12.9943, 30.8065

Details

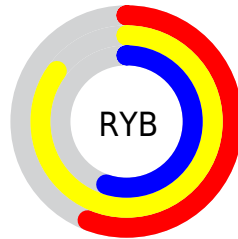
The Yxy color **64.2337, 0.3673, 0.4129** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.5211, 0.2493, 0.2285**, and the grayscale version is **61.8361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **32.7521, 0.3793, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **63.0964, 0.3822, 0.4351**, and if you desaturate by 10%, it is **65.5070, 0.3518, 0.3893**.

Distribution



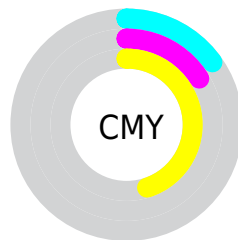
- Red (85%)
- Green (84%)
- Blue (55%)



- Red (56%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (15%)




- Cyan (15%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2337, 0.3673, 0.4129 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 64.2337, 0.3673, 0.4129 by changing the saturation by 10% instead.


 64.2337, 0.3673,
0.4129


 64.2337, 0.3673,
0.4129


440.0331, 0.3424,
0.3730


 46.8400, 0.3727,
0.4221


 110.9474, 0.3588,
0.3989

 32.9092, 0.3792,
0.4335


 141.0362, 0.3555,
0.3935

 22.0569, 0.3871,
0.4478


 176.1255, 0.3526,
0.3889

 13.8987, 0.3966,
0.4663

216.5997, 0.3500,
0.3848

 8.0502, 0.4077,
0.4903

262.8431, 0.3478,
0.3813

 4.1271, 0.4258,
0.5301

315.2403, 0.3458,

 1.7449, 0.4312,


0.3782


0.5688

374.1754, 0.3440,
0.3754


 0.4525, 0.3067,
0.6933


 0.0000, 0.0000,
0.0000


 64.2337, 0.3673,
0.4129

 64.2337, 0.3673,
0.4129


 63.0964, 0.3822,
0.4351


 65.5070, 0.3518,
0.3893


 62.0788, 0.3958,
0.4551

 66.9143, 0.3361,
0.3653

 61.1756, 0.4075,
0.4718

 68.4650, 0.3208,
0.3416

 60.3775, 0.4168,
0.4845

 70.1649, 0.3062,
0.3188

■ 59.6737, 0.4234,
0.4928

■ 72.0197, 0.2925,
0.2973

■ 59.0509, 0.4274,
0.4968

■ 73.0177, 0.2886,
0.2920

■ 58.7856, 0.4287,
0.4978

■ 73.6072, 0.2887,
0.2932

■ 74.2006, 0.2887,
0.2944

■ 74.7980, 0.2888,
0.2956

Harmonies

Analogous

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



64.2337, 0.3991, 0.3916



64.2337, 0.3673, 0.4129



64.2337, 0.3222, 0.4099

Triad

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



64.2337, 0.3673, 0.4129



64.2337, 0.2267, 0.2896



64.2337, 0.3459, 0.2853

Complementary

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



64.2337, 0.3673, 0.4129



30.5211, 0.2493, 0.2285

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.



64.2337, 0.2974, 0.2617



64.2337, 0.3673, 0.4129



64.2337, 0.2317, 0.2618

Square

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



64.2337, 0.3673, 0.4129



64.2337, 0.2424, 0.3327



64.2337, 0.2565, 0.2529



64.2337, 0.3873, 0.3191

Rectangle

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



64.2337, 0.3673, 0.4129



64.2337, 0.2911, 0.3921



64.2337, 0.2565, 0.2529



64.2337, 0.3297, 0.2761

Sweetspot

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



64.2366, 0.3673, 0.4129



97.4022, 0.3294, 0.3549



35.5518, 0.3916, 0.3229



20.7834, 0.3315, 0.3581



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.



64.2366, 0.3673, 0.4129



91.2741, 0.3791, 0.4307



61.6564, 0.3395, 0.4252



15.1425, 0.3268, 0.3509



35.6393, 0.4286, 0.4979



2.3450, 0.4269, 0.4992

Inverse Universe

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



30.5211, 0.2493, 0.2285



35.4095, 0.2327, 0.2017



32.6879, 0.2766, 0.2306



12.7245, 0.2981, 0.3061



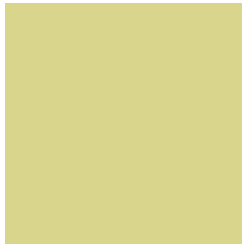
3.2271, 0.1510, 0.0634



0.2479, 0.1538, 0.0738

Previews

White Background



This preview shows how the Yxy color 64.2337, 0.3673, 0.4129 looks on a white background.

Color Contrast Check

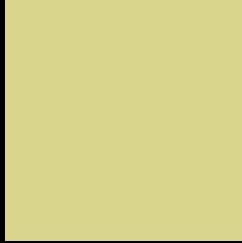
Large Text (above 18pt) WCAG AA × Fail

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 64.2337, 0.3673, 0.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

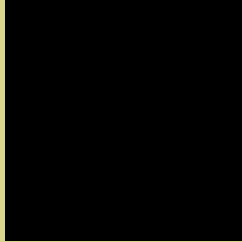
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2337, 0.3673, 0.4129

Background



This preview shows how black text looks on a background with the Yxy color 64.2337, 0.3673, 0.4129.



This preview shows how white text looks on a background with the Yxy color 64.2337, 0.3673, 0.4129.

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

64.2337, 0.3673, 0.4129

Protanopia

64.4512, 0.3782, 0.4082

Deuteranopia

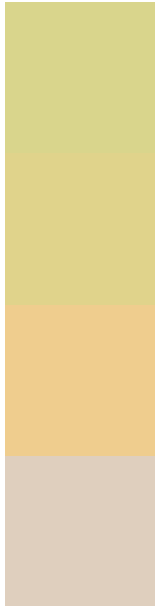
64.2657, 0.3982, 0.3899



Tritanopia

63.9951, 0.3189, 0.3115

Trichromacy



Original Color

64.2337, 0.3673, 0.4129

Protanomaly

64.2999, 0.3745, 0.4102

Deuteranomaly

63.9664, 0.3872, 0.3975

Tritanomaly

64.0313, 0.3374, 0.3482

Monochromacy



Original Color

64.2337, 0.3673, 0.4129

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.6800, 0.3327, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2337, 0.3673, 0.4129 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(217, 213, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 140)  
}
```

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(217, 213, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 140) }
```

Border

The CSS property to change the border of an element to Yxy 64.2337, 0.3673, 0.4129 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(217, 213, 140) }
```

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

```
.border{ border-color:rgb(217, 213, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 213, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2337, 0.3673, 0.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 140) }
```

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

```
.background{ background-color: rgb(217,  
213, 140) }
```

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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