

Converting Colors

Yxy(62.5754, 0.3398, 0.3720)

Have a look what the booklet for
Yxy(62.5754, 0.3398, 0.3720)
contains.

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Color

Yxy(62.4669, 0.3400, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	D3D1AD
RGB	211, 209, 173
RGB Percent	83%, 82%, 68%
CMY	0.1726, 0.1803, 0.3216
CMYK	0.00, 0.01, 0.18, 0.17
HSL	57°, 30%, 75%
HSV	57°, 18%, 83%
XYZ	57.2010, 62.4669, 48.5704
YIQ	205.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

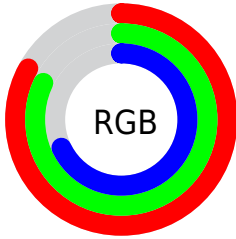
Format	Color
RYB	175, 211, 173
Decimal	13881773
CIELab	83.16, -5.28, 18.15
CIElCh	83, 18.903, 106.209
Yxy	62.4669, 0.3400, 0.3713
Android (android.graphics.Color)	4292071853 (0xFFD3D1AD)
YUV	205.4940, -16.0195, 4.8288
Hunter-Lab	79.0360, -9.1265, 18.8894

Details

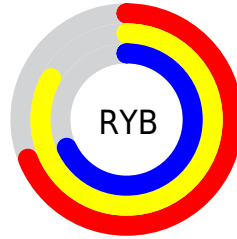
The Yxy color **62.4669, 0.3400, 0.3713** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.2255, 0.2834, 0.2829**, and the grayscale version is **61.4783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **31.8911, 0.3459, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **61.1832, 0.3556, 0.3952**, and if you desaturate by 10%, it is **63.8888, 0.3246, 0.3475**.

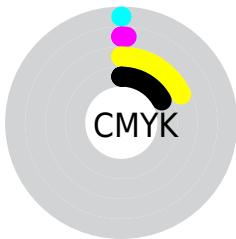
Distribution



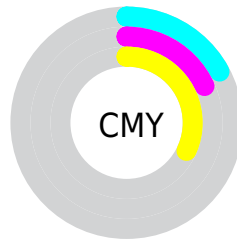
- Red (83%)
- Green (82%)
- Blue (68%)



- Red (69%)
- Yellow (83%)
- Blue (68%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (17%)





- Cyan (17%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4669, 0.3400, 0.3713 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 62.4669, 0.3400, 0.3713 by changing the saturation by 10% instead.


 62.4669, 0.3400,
0.3713

 62.4669, 0.3400,
0.3713


433.6322, 0.3272,
0.3510

 45.4101, 0.3430,
0.3761


 108.4000, 0.3355,
0.3641

 31.7805, 0.3466,
0.3822


138.0452, 0.3338,
0.3614

 21.1939, 0.3513,
0.3900


172.6551, 0.3323,
0.3590

 13.2658, 0.3574,
0.4004

212.6144, 0.3310,
0.3570

 7.6119, 0.3657,
0.4150

258.3074, 0.3299,
0.3552

 3.8476, 0.3774,
0.4367

310.1184, 0.3289,

 1.5887, 0.4106,

0.3536

0.4913

368.4318, 0.3280,
0.3522

0.3500, 0.3680,
0.6320

0.0000, 0.0000,
0.0000

62.4669, 0.3400,
0.3713

62.4669, 0.3400,
0.3713

61.1832, 0.3556,
0.3952

63.8888, 0.3246,
0.3475

60.0233, 0.3710,
0.4185

65.4461, 0.3098,
0.3245

58.9835, 0.3856,
0.4403

67.1471, 0.2959,
0.3026

58.0566, 0.3988,
0.4594

68.8426, 0.2844,
0.2846

■ 57.2347, 0.4099,
0.4752

■ 69.3942, 0.2844,
0.2858

■ 56.5089, 0.4186,
0.4868

■ 69.9494, 0.2845,
0.2870

■ 55.8685, 0.4246,
0.4941

■ 70.5084, 0.2846,
0.2882

■ 55.2985, 0.4281,
0.4973

■ 71.0711, 0.2846,
0.2894

■ 55.1884, 0.4287,
0.4978

■ 71.6376, 0.2847,
0.2905

Harmonies

Analogous

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



62.4669, 0.3560, 0.3629



62.4669, 0.3400, 0.3713



62.4669, 0.3170, 0.3677

Triad

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



62.4669, 0.3400, 0.3713



62.4669, 0.2675, 0.3090



62.4669, 0.3312, 0.3072

Complementary

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



62.4669, 0.3400, 0.3713



44.2255, 0.2834, 0.2829

Split Complementary

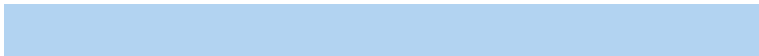
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.4669, 0.3069, 0.2939



62.4669, 0.3400, 0.3713



62.4669, 0.2709, 0.2942

Square

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



62.4669, 0.3400, 0.3713



62.4669, 0.2756, 0.3303



62.4669, 0.2850, 0.2890



62.4669, 0.3510, 0.3260

Rectangle

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



62.4669, 0.3400, 0.3713



62.4669, 0.3010, 0.3585



62.4669, 0.2850, 0.2890



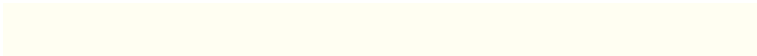
62.4669, 0.3233, 0.3020

Sweetspot

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



62.4697, 0.3400, 0.3713



98.7862, 0.3202, 0.3406



46.8434, 0.3451, 0.3260



21.1087, 0.3212, 0.3423



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.



62.4697, 0.3400, 0.3713



95.0631, 0.3466, 0.3815



61.1311, 0.3267, 0.3753



13.6885, 0.3267, 0.3508



33.3620, 0.4286, 0.4979



1.8982, 0.4267, 0.4994

Inverse Universe

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



44.2255, 0.2834, 0.2829



61.4952, 0.2756, 0.2705



45.4607, 0.2966, 0.2821



11.5143, 0.2982, 0.3062



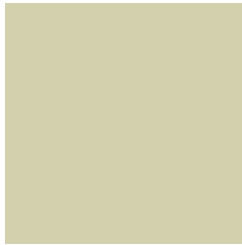
3.0271, 0.1510, 0.0636



0.2045, 0.1542, 0.0751

Previews

White Background



This preview shows how the Yxy color 62.4669, 0.3400, 0.3713 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 62.4669, 0.3400, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

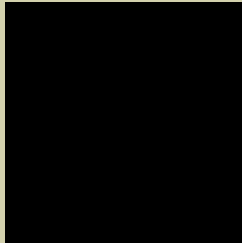
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

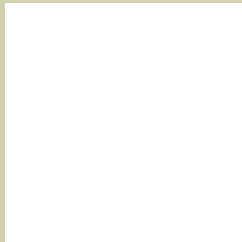
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4669, 0.3400, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 62.4669, 0.3400, 0.3713.



This preview shows how white text looks on a background with the Yxy color 62.4669, 0.3400, 0.3713.

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

62.4669, 0.3400, 0.3713

Protanopia

62.6643, 0.3476, 0.3694

Deuteranopia

62.1191, 0.3629, 0.3555



Tritanopia

62.5781, 0.3120, 0.3111

Trichromacy



Original Color

62.4669, 0.3400, 0.3713

Protanomaly

62.6892, 0.3450, 0.3708

Deuteranomaly

62.2618, 0.3544, 0.3618

Tritanomaly

62.3740, 0.3226, 0.3325

Monochromacy



Original Color

62.4669, 0.3400, 0.3713

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2583, 0.3228, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4669, 0.3400, 0.3713 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(211, 209, 173)` looks like.

```
.text, #text, p{  
    color:rgb(211, 209, 173)  
}
```

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(211, 209, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 173) }
```

Border

The CSS property to change the border of an element to Yxy 62.4669, 0.3400, 0.3713 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(211, 209, 173) }
```

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

```
.border{ border-color:rgb(211, 209, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 209, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 209, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 209, 173);  
box-shadow:4px 4px 4px 4px rgb(211, 209,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4669, 0.3400, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 209, 173) }
```

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

```
.background{ background-color: rgb(211,  
209, 173) }
```

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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