

Converting Colors

Yxy(63.7000, 0.3334, 0.3591)

Have a look what the booklet for
Yxy(63.7000, 0.3334, 0.3591)
contains.

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Color

Yxy(63.7000, 0.3334, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	D5D2B8
RGB	213, 210, 184
RGB Percent	84%, 82%, 72%
CMY	0.1647, 0.1765, 0.2783
CMYK	0.00, 0.01, 0.14, 0.16
HSL	54°, 26%, 78%
HSV	54°, 14%, 84%
XYZ	59.1411, 63.7000, 54.5468
YIQ	207.9330, 10.1340, -7.4500

Conversions

Conversions Part 2

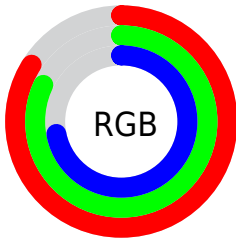
Format	Color
RYB	187, 213, 184
Decimal	14013112
CIELab	83.81, -3.35, 13.24
CIElCh	84, 13.660, 104.200
Yxy	63.7000, 0.3334, 0.3591
Android (android.graphics.Color)	4292203192 (0xFFD5D2B8)
YUV	207.9330, -11.7990, 4.4438
Hunter-Lab	79.8123, -7.4025, 15.3475

Details

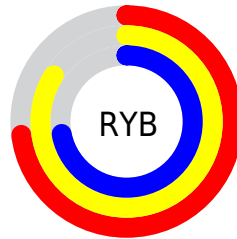
The Yxy color **63.7000, 0.3334, 0.3591** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5538, 0.2912, 0.2970**, and the grayscale version is **63.1066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **32.6847, 0.3382, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **61.7958, 0.3494, 0.3819**, and if you desaturate by 10%, it is **65.7592, 0.3180, 0.3368**.

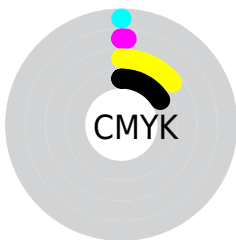
Distribution



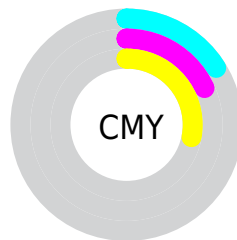
- Red (84%)
- Green (82%)
- Blue (72%)



- Red (73%)
- Yellow (84%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7000, 0.3334, 0.3591 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 63.7000, 0.3334, 0.3591 by changing the saturation by 10% instead.

 63.7000, 0.3334,
0.3591

 63.7000, 0.3334,
0.3591


438.1055, 0.3237,
0.3447

 46.4077, 0.3357,
0.3625


 110.1788, 0.3300,
0.3540

 32.5677, 0.3385,
0.3667


140.1341, 0.3287,
0.3521

 21.7955, 0.3421,
0.3722


175.0792, 0.3275,
0.3504

 13.7067, 0.3469,
0.3795

215.3985, 0.3266,
0.3490

 7.9170, 0.3534,
0.3898

261.4763, 0.3257,
0.3477

 4.0419, 0.3630,
0.4051

313.6972, 0.3249,

 1.6970, 0.3795,

0.3466

0.4323

372.4455, 0.3243,
0.3456

0.4217, 0.4307,
0.5693

0.0000, 0.0000,
0.0000

63.7000, 0.3334,
0.3591

63.7000, 0.3334,
0.3591

61.7958, 0.3494,
0.3819

65.7592, 0.3180,
0.3368

60.0323, 0.3656,
0.4046

67.9708, 0.3036,
0.3155

58.4056, 0.3816,
0.4262

70.3429, 0.2901,
0.2954

56.9088, 0.3967,
0.4460

71.9292, 0.2860,
0.2907

■ 55.5341, 0.4102,
0.4628

■ 73.0842, 0.2861,
0.2931

■ 54.2727, 0.4215,
0.4758

■ 74.2544, 0.2862,
0.2954

■ 53.1147, 0.4302,
0.4845

■ 75.4400, 0.2863,
0.2978

■ 52.0478, 0.4362,
0.4887

■ 76.6409, 0.2864,
0.3002

■ 51.3991, 0.4389,
0.4897

■ 77.8572, 0.2865,
0.3025

Harmonies

Analogous

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



63.7000, 0.3442, 0.3530



63.7000, 0.3334, 0.3591



63.7000, 0.3172, 0.3569

Triad

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



63.7000, 0.3334, 0.3591



63.7000, 0.2801, 0.3158



63.7000, 0.3250, 0.3124

Complementary

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



63.7000, 0.3334, 0.3591



50.5538, 0.2912, 0.2970

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.



63.7000, 0.3075, 0.3030



63.7000, 0.3334, 0.3591



63.7000, 0.2820, 0.3045

Square

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



63.7000, 0.3334, 0.3591



63.7000, 0.2866, 0.3312



63.7000, 0.2919, 0.3000



63.7000, 0.3394, 0.3260

Rectangle

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



63.7000, 0.3334, 0.3591



63.7000, 0.3056, 0.3507



63.7000, 0.2919, 0.3000



63.7000, 0.3192, 0.3086

Sweetspot

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



63.7028, 0.3334, 0.3591



98.6896, 0.3187, 0.3378



52.0490, 0.3348, 0.3251



21.0718, 0.3198, 0.3394



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.



63.7028, 0.3334, 0.3591



94.9841, 0.3375, 0.3649



63.5911, 0.3244, 0.3633



14.2904, 0.3269, 0.3497



31.4862, 0.4386, 0.4900



1.9637, 0.4348, 0.4929

Inverse Universe

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



50.5538, 0.2912, 0.2970



71.9056, 0.2868, 0.2903



50.7223, 0.2998, 0.2942



12.2132, 0.2981, 0.3074



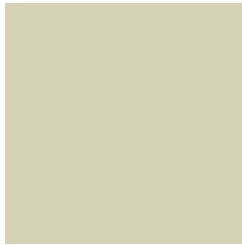
3.3562, 0.1521, 0.0677



0.2743, 0.1578, 0.0881

Previews

White Background



This preview shows how the Yxy color 63.7000, 0.3334, 0.3591 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 63.7000, 0.3334, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

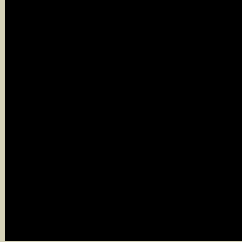
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

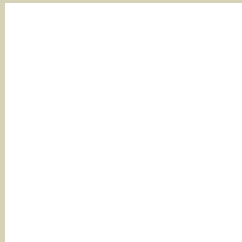
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7000, 0.3334, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 63.7000, 0.3334, 0.3591.



This preview shows how white text looks on a background with the Yxy color 63.7000, 0.3334, 0.3591.

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

63.7000, 0.3334, 0.3591

Protanopia

63.5907, 0.3392, 0.3576

Deuteranopia

63.3230, 0.3529, 0.3455



Tritanopia

63.7885, 0.3113, 0.3113

Trichromacy



Original Color

63.7000, 0.3334, 0.3591

Protanomaly

63.7715, 0.3375, 0.3589

Deuteranomaly

63.1825, 0.3457, 0.3504

Tritanomaly

63.7786, 0.3188, 0.3279

Monochromacy



Original Color

63.7000, 0.3334, 0.3591

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.4261, 0.3205, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7000, 0.3334, 0.3591 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(213, 210, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 184)  
}
```

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(213, 210, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 184) }
```

Border

The CSS property to change the border of an element to Yxy 63.7000, 0.3334, 0.3591 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(213, 210, 184) }
```

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

```
.border{ border-color:rgb(213, 210, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7000, 0.3334, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 184) }
```

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

```
.background{ background-color: rgb(213,  
210, 184) }
```

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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