

Converting Colors

Yxy(57.0514, 0.3399, 0.3653)

Have a look what the booklet for
Yxy(57.0514, 0.3399, 0.3653)
contains.

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Color

Yxy(57.1900, 0.3391, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	CDC8AA
RGB	205, 200, 170
RGB Percent	80%, 78%, 67%
CMY	0.1961, 0.2157, 0.3333
CMYK	0.00, 0.02, 0.17, 0.20
HSL	51°, 26%, 74%
HSV	51°, 17%, 80%
XYZ	53.0882, 57.1900, 46.2780
YIQ	198.0750, 12.6100, -8.2700

Conversions

Conversions Part 2

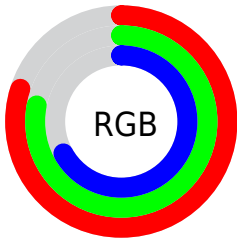
Format	Color
RYB	176, 205, 170
Decimal	13486250
CIELab	80.29, -3.26, 15.64
CIELCh	80, 15.974, 101.760
Yxy	57.1900, 0.3391, 0.3653
Android (android.graphics.Color)	4291676330 (0xFFC8DC8AA)
YUV	198.0750, -13.8410, 6.0732
Hunter-Lab	75.6241, -7.0348, 16.6544

Details

The Yxy color **57.1900, 0.3391, 0.3653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.6213, 0.2853, 0.2899**, and the grayscale version is **56.6020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **28.4451, 0.3462, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **55.1323, 0.3556, 0.3872**, and if you desaturate by 10%, it is **59.3998, 0.3233, 0.3437**.

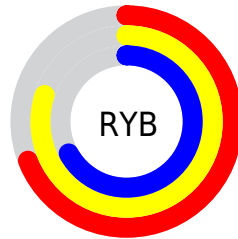
Distribution



Red (80%)

Green (78%)

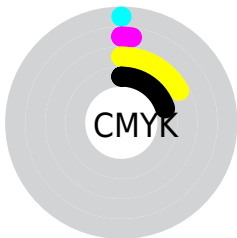
Blue (67%)



Red (69%)

Yellow (80%)

Blue (67%)

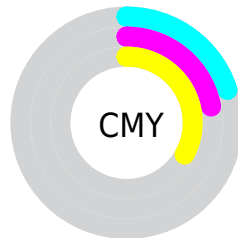


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (20%)



Cyan (20%)


Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1900, 0.3391, 0.3653 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 57.1900, 0.3391, 0.3653 by changing the saturation by 10% instead.


 57.1900, 0.3391,
0.3653

 57.1900, 0.3391,
0.3653

414.1609, 0.3264,
0.3477

 41.1578, 0.3421,
0.3695


 100.7424, 0.3346,
0.3590

 28.4424, 0.3459,
0.3749


129.0313, 0.3329,
0.3566

 18.6594, 0.3507,
0.3819


162.1747, 0.3314,
0.3546

 11.4244, 0.3572,
0.3913

200.5568, 0.3302,
0.3528

 6.3531, 0.3662,
0.4047

244.5621, 0.3291,
0.3513

 3.0609, 0.3794,
0.4252

294.5749, 0.3281,

 1.1636, 0.4361,

0.3499

0.5008

350.9797, 0.3272,
0.3487

■ 0.0317, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1900, 0.3391,
0.3653

■ 57.1900, 0.3391,
0.3653

■ 55.1323, 0.3556,
0.3872

■ 59.3998, 0.3233,
0.3437

■ 53.2133, 0.3723,
0.4088

■ 61.7593, 0.3085,
0.3230

■ 51.4294, 0.3888,
0.4292

■ 64.2763, 0.2947,
0.3035

■ 49.7738, 0.4044,
0.4475

■ 66.9555, 0.2821,
0.2853

■ 48.2392, 0.4184,
0.4626

■ 68.6214, 0.2806,
0.2855

■ 46.8171, 0.4302,
0.4738

■ 70.1232, 0.2808,
0.2887

■ 45.4978, 0.4392,
0.4805

■ 71.6519, 0.2810,
0.2920

■ 44.2681, 0.4455,
0.4829

■ 73.2076, 0.2812,
0.2952

■ 43.9176, 0.4472,
0.4831

■ 74.7903, 0.2814,
0.2984

Harmonies

Analogous

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



57.1900, 0.3516, 0.3569



57.1900, 0.3391, 0.3653



57.1900, 0.3197, 0.3636

Triad

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



57.1900, 0.3391, 0.3653



57.1900, 0.2736, 0.3142



57.1900, 0.3258, 0.3078

Complementary

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



57.1900, 0.3391, 0.3653



43.6213, 0.2853, 0.2899

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.



57.1900, 0.3047, 0.2971



57.1900, 0.3391, 0.3653



57.1900, 0.2751, 0.3001

Square

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



57.1900, 0.3391, 0.3653



57.1900, 0.2822, 0.3332



57.1900, 0.2862, 0.2942



57.1900, 0.3439, 0.3238

Rectangle

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



57.1900, 0.3391, 0.3653



57.1900, 0.3057, 0.3567



57.1900, 0.2862, 0.2942



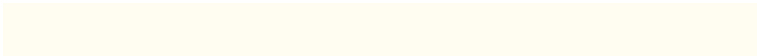
57.1900, 0.3188, 0.3035

Sweetspot

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



57.1925, 0.3391, 0.3653



98.0491, 0.3203, 0.3395



44.8404, 0.3404, 0.3226



20.9290, 0.3213, 0.3410



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.



57.1925, 0.3391, 0.3653



92.5784, 0.3443, 0.3723



57.8721, 0.3283, 0.3724



12.8128, 0.3269, 0.3487



27.4465, 0.4467, 0.4835



1.4927, 0.4406, 0.4884

Inverse Universe

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



43.6213, 0.2853, 0.2899



66.7884, 0.2797, 0.2817



43.1402, 0.2952, 0.2845



11.0983, 0.2982, 0.3085



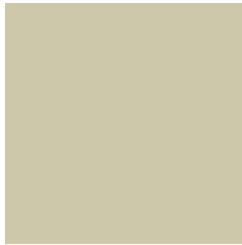
3.3842, 0.1534, 0.0723



0.2602, 0.1616, 0.1018

Previews

White Background



This preview shows how the Yxy color 57.1900, 0.3391, 0.3653 looks on a white background.

Color Contrast Check

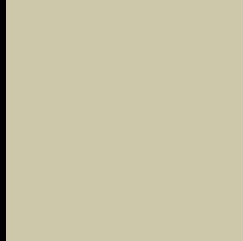
Large Text (above 18pt) WCAG AA × Fail

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 57.1900, 0.3391, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

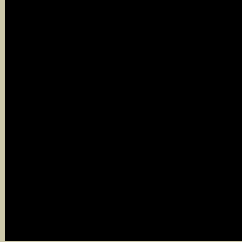
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

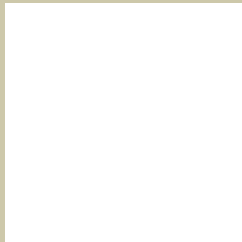
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1900, 0.3391, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 57.1900, 0.3391, 0.3653.



This preview shows how white text looks on a background with the Yxy color 57.1900, 0.3391, 0.3653.

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

57.1900, 0.3391, 0.3653

Protanopia

57.2667, 0.3434, 0.3650

Deuteranopia

57.1718, 0.3588, 0.3519



Tritanopia

56.9384, 0.3136, 0.3105

Trichromacy



Original Color

57.1900, 0.3391, 0.3653

Protanomaly

57.1213, 0.3426, 0.3651

Deuteranomaly

57.1861, 0.3520, 0.3571

Tritanomaly

56.8299, 0.3231, 0.3302

Monochromacy



Original Color

57.1900, 0.3391, 0.3653

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8952, 0.3224, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1900, 0.3391, 0.3653 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(205, 200, 170)` looks like.

```
.text, #text, p{  
    color:rgb(205, 200, 170)  
}
```

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(205, 200, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 200, 170) }
```

Border

The CSS property to change the border of an element to Yxy 57.1900, 0.3391, 0.3653 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(205, 200, 170) }
```

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

```
.border{ border-color:rgb(205, 200, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 200, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 200, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 200, 170);  
box-shadow:4px 4px 4px 4px rgb(205, 200,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1900, 0.3391, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 200, 170) }
```

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

```
.background{ background-color: rgb(205,  
200, 170) }
```

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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