

Converting Colors

$Yxy(65.0010, 0.3392, 0.3790)$

Have a look what the booklet for
Yxy(65.0010, 0.3392, 0.3790)
contains.

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Color

Yxy(64.7733, 0.3390, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	D2D6AC
RGB	210, 214, 172
RGB Percent	82%, 84%, 67%
CMY	0.1764, 0.1608, 0.3255
CMYK	0.02, 0.00, 0.20, 0.16
HSL	66°, 34%, 76%
HSV	66°, 20%, 84%
XYZ	58.0750, 64.7733, 48.4643
YIQ	208.0160, 11.0980, -13.9100

Conversions

Conversions Part 2

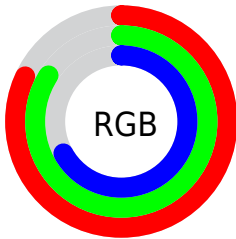
Format	Color
RYB	172, 214, 176
Decimal	13817516
CIELab	84.37, -8.33, 20.34
CIELCh	84, 21.983, 112.280
Yxy	64.7733, 0.3390, 0.3781
Android (android.graphics.Color)	4292007596 (0xFFD2D6AC)
YUV	208.0160, -17.7559, 1.7400
Hunter-Lab	80.4819, -12.0393, 20.6342

Details

The Yxy color **64.7733, 0.3390, 0.3781** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.5815, 0.2834, 0.2758**, and the grayscale version is **63.2023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **33.1209, 0.3446, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **63.7236, 0.3524, 0.4038**, and if you desaturate by 10%, it is **65.9649, 0.3255, 0.3527**.

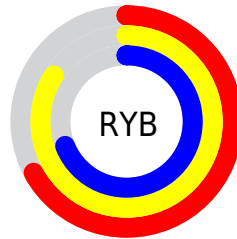
Distribution



Red (82%)

Green (84%)

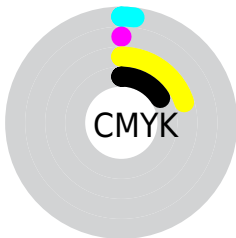
Blue (67%)



Red (67%)

Yellow (84%)

Blue (69%)

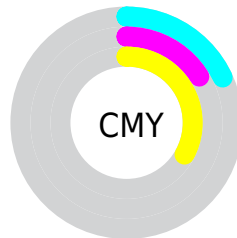


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7733, 0.3390, 0.3781 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 64.7733, 0.3390, 0.3781 by changing the saturation by 10% instead.

64.7733, 0.3390,
0.3781

64.7733, 0.3390,
0.3781

441.9769, 0.3268,
0.3546

47.2773, 0.3418,
0.3837

111.7239, 0.3348,
0.3698

33.2549, 0.3452,
0.3907

141.9472, 0.3331,
0.3666

22.3218, 0.3494,
0.3997

177.1818, 0.3317,
0.3638

14.0935, 0.3549,
0.4117

217.8120, 0.3305,
0.3615

8.1858, 0.3621,
0.4284

264.2222, 0.3294,
0.3594

4.2140, 0.3718,
0.4533

316.7968, 0.3284,

1.7940, 0.3995,

0.3576

0.5121

375.9202, 0.3276,
0.3560

0.4834, 0.3462,
0.6538

0.0000, 0.0000,
0.0000

64.7733, 0.3390,
0.3781

64.7733, 0.3390,
0.3781

63.7236, 0.3524,
0.4038

65.9649, 0.3255,
0.3527

62.8008, 0.3652,
0.4289

67.2958, 0.3122,
0.3281

62.0010, 0.3768,
0.4525

68.7743, 0.2995,
0.3049

61.3167, 0.3868,
0.4736

70.2379, 0.2892,
0.2859

60.7394, 0.3945,
0.4911

70.5523, 0.2905,
0.2860

60.2598, 0.3997,
0.5044

70.8706, 0.2919,
0.2862

59.8665, 0.4023,
0.5133

71.1927, 0.2932,
0.2864

59.5400, 0.4027,
0.5183

71.5187, 0.2946,
0.2865

59.5284, 0.4027,
0.5185

71.8486, 0.2960,
0.2867

Harmonies

Analogous

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



64.7733, 0.3596, 0.3707



64.7733, 0.3390, 0.3781



64.7733, 0.3119, 0.3711

Triad

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



64.7733, 0.3390, 0.3781



64.7733, 0.2607, 0.3016



64.7733, 0.3392, 0.3080

Complementary

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



64.7733, 0.3390, 0.3781



43.5815, 0.2834, 0.2758

Split Complementary

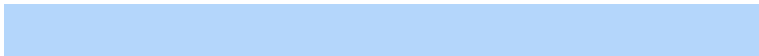
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.7733, 0.3116, 0.2913



64.7733, 0.3390, 0.3781



64.7733, 0.2672, 0.2869

Square

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



64.7733, 0.3390, 0.3781



64.7733, 0.2674, 0.3250



64.7733, 0.2854, 0.2836



64.7733, 0.3601, 0.3300

Rectangle

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



64.7733, 0.3390, 0.3781



64.7733, 0.2939, 0.3589



64.7733, 0.2854, 0.2836



64.7733, 0.3304, 0.3016

Sweetspot

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



64.7762, 0.3390, 0.3781



98.7798, 0.3207, 0.3438



48.1248, 0.3505, 0.3333



21.1155, 0.3216, 0.3454



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.



64.7762, 0.3390, 0.3781



95.5839, 0.3452, 0.3900



61.9531, 0.3232, 0.3806



14.4574, 0.3252, 0.3521



36.0059, 0.4029, 0.5183



2.1895, 0.4059, 0.5159

Inverse Universe

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



43.5815, 0.2834, 0.2758



57.9380, 0.2754, 0.2615



46.1577, 0.3002, 0.2783



12.0644, 0.2996, 0.3050



3.0462, 0.1534, 0.0619



0.2035, 0.1630, 0.0672

Previews

White Background



This preview shows how the Yxy color 64.7733, 0.3390, 0.3781 looks on a white background.

Color Contrast Check

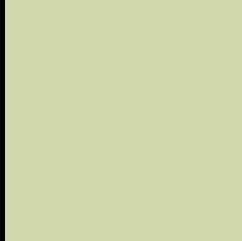
Large Text (above 18pt) WCAG AA × Fail

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 64.7733, 0.3390, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

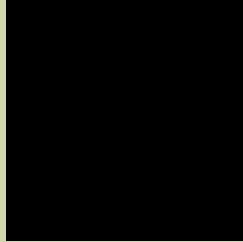
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

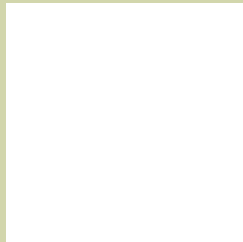
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7733, 0.3390, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 64.7733, 0.3390, 0.3781.



This preview shows how white text looks on a background with the Yxy color 64.7733, 0.3390, 0.3781.

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

64.7733, 0.3390, 0.3781

Protanopia

64.6834, 0.3516, 0.3745

Deuteranopia

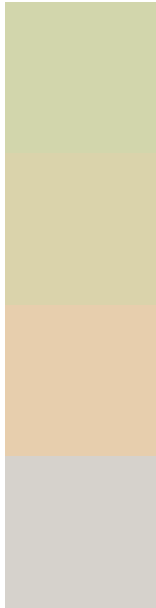
64.3517, 0.3670, 0.3594



Tritanopia

64.7051, 0.3091, 0.3113

Trichromacy



Original Color

64.7733, 0.3390, 0.3781

Protanomaly

64.4342, 0.3466, 0.3750

Deuteranomaly

64.1487, 0.3569, 0.3659

Tritanomaly

64.7490, 0.3199, 0.3358

Monochromacy



Original Color

64.7733, 0.3390, 0.3781

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5886, 0.3225, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7733, 0.3390, 0.3781 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(210, 214, 172)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 172)  
}
```

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(210, 214, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 172) }
```

Border

The CSS property to change the border of an element to Yxy 64.7733, 0.3390, 0.3781 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(210, 214, 172) }
```

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

```
.border{ border-color:rgb(210, 214, 172) }
```

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

Here you see how a box with a 4 pixel rgb(210, 214, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 172);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7733, 0.3390, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 172) }
```

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

```
.background{ background-color: rgb(210,  
214, 172) }
```

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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