

Converting Colors

$Yxy(63.5378, 0.3178, 0.3686)$

Have a look what the booklet for
Yxy(63.5378, 0.3178, 0.3686)
contains.

Yxy(63.7371, 0.3174, 0.3689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.7371, 0.3174, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	C0D8B7
RGB	192, 216, 183
RGB Percent	75%, 85%, 72%
CMY	0.2471, 0.1529, 0.2824
CMYK	0.11, 0.00, 0.15, 0.15
HSL	104°, 30%, 78%
HSV	104°, 15%, 85%
XYZ	54.8391, 63.7371, 54.1999
YIQ	205.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

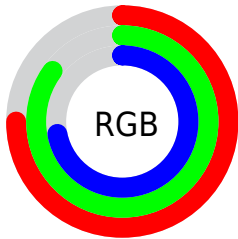
Format	Color
R_{YB}	183, 216, 207
Decimal	12638391
CIE _{Lab}	83.83, -14.05, 13.61
CIE _{LCh}	84, 19.561, 135.896
Yxy	63.7371, 0.3174, 0.3689
Android (android.graphics.Color)	4290828471 (0xFFC0D8B7)
YUV	205.0620, -10.8766, -11.4554
Hunter-Lab	79.8355, -17.1003, 15.6332

Details

The Yxy color **63.7371, 0.3174, 0.3689** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.0805, 0.3071, 0.2905**, and the grayscale version is **61.1645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8917, 0.3182, 0.3446**, and **32.5047, 0.3180, 0.3792** is the 20% darker color. If you saturate the color by 10%, you get **60.9668, 0.3201, 0.3984**, and if you desaturate by 10%, it is **66.8696, 0.3144, 0.3421**.

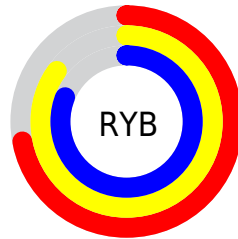
Distribution



Red (75%)

Green (85%)

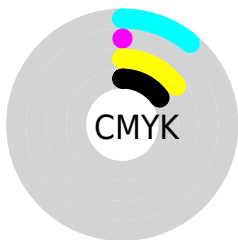
Blue (72%)



Red (72%)

Yellow (85%)

Blue (81%)

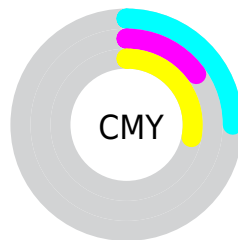


Cyan (11%)

Magenta (0%)

Yellow (15%)

Black (15%)



Cyan (25%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7371, 0.3174, 0.3689 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 63.7371, 0.3174, 0.3689 by changing the saturation by 10% instead.


 63.7371, 0.3174,
0.3689

 63.7371, 0.3174,
0.3689


438.2396, 0.3154,
0.3495

 46.4378, 0.3178,
0.3736

 110.2322, 0.3168,
0.3620

 32.5914, 0.3183,
0.3794


140.1968, 0.3165,
0.3594

 21.8136, 0.3188,
0.3871


175.1520, 0.3163,
0.3571

 13.7200, 0.3194,
0.3975

215.4820, 0.3160,
0.3552

 7.9262, 0.3200,
0.4124

261.5715, 0.3159,
0.3535

 4.0478, 0.3203,
0.4354

313.8046, 0.3157,

 1.7003, 0.3211,

0.3520

0.4779

372.5659, 0.3155,
0.3507

0.4239, 0.1240,
0.8760

0.0000, 0.0000,
0.0000

63.7371, 0.3174,
0.3689

63.7371, 0.3174,
0.3689

60.9668, 0.3201,
0.3984

66.8696, 0.3144,
0.3421

58.5375, 0.3224,
0.4300

70.3684, 0.3112,
0.3180

56.4378, 0.3239,
0.4628

74.2481, 0.3081,
0.2967

54.6528, 0.3244,
0.4955

77.5587, 0.3144,
0.2910

■ 53.1664, 0.3236,
0.5261

■ 77.5954, 0.3145,
0.2910

■ 51.9609, 0.3214,
0.5526

■ 51.0162, 0.3179,
0.5731

■ 50.3094, 0.3134,
0.5865

■ 50.0449, 0.3113,
0.5910

Harmonies

Analogous

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



63.7371, 0.3410, 0.3725



63.7371, 0.3174, 0.3689



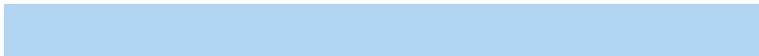
63.7371, 0.2933, 0.3532

Triad

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



63.7371, 0.3174, 0.3689



63.7371, 0.2696, 0.2933



63.7371, 0.3519, 0.3256

Complementary

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



63.7371, 0.3174, 0.3689



52.0805, 0.3071, 0.2905

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.



63.7371, 0.3315, 0.3064



63.7371, 0.3174, 0.3689



63.7371, 0.2840, 0.2880

Square

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



63.7371, 0.3174, 0.3689



63.7371, 0.2663, 0.3086



63.7371, 0.3065, 0.2928



63.7371, 0.3615, 0.3464

Rectangle

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



63.7371, 0.3174, 0.3689



63.7371, 0.2800, 0.3384



63.7371, 0.3065, 0.2928



63.7371, 0.3460, 0.3188

Sweetspot

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



63.7398, 0.3174, 0.3689



97.4902, 0.3143, 0.3415



62.4740, 0.3371, 0.3564



20.7938, 0.3145, 0.3433



0.0000, 0.0000, 0.0000



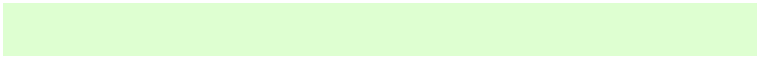
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.7398, 0.3174, 0.3689



91.6004, 0.3182, 0.3771



62.9039, 0.3061, 0.3607



14.0584, 0.3156, 0.3528



29.6654, 0.3122, 0.5903



1.8303, 0.3251, 0.5800

Inverse Universe

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



52.0805, 0.3071, 0.2905



71.8297, 0.3059, 0.2829



53.0547, 0.3201, 0.2993



12.4543, 0.3095, 0.3057



7.2340, 0.2531, 0.1168



0.4763, 0.2653, 0.1235

Previews

White Background



This preview shows how the Yxy color 63.7371, 0.3174, 0.3689 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 63.7371, 0.3174, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

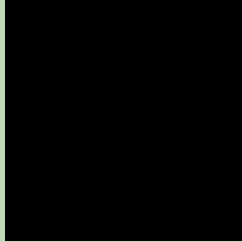
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

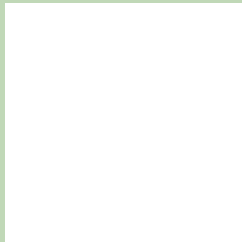
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7371, 0.3174, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 63.7371, 0.3174, 0.3689.

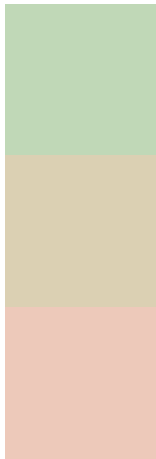


This preview shows how white text looks on a background with the Yxy color 63.7371, 0.3174, 0.3689.

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

63.7371, 0.3174, 0.3689

Protanopia

63.4265, 0.3422, 0.3623

Deuteranopia

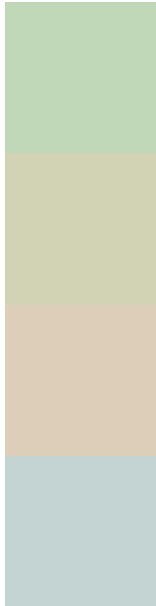
63.3230, 0.3529, 0.3455



Tritanopia

63.7814, 0.2935, 0.3096

Trichromacy



Original Color

63.7371, 0.3174, 0.3689

Protanomaly

63.4391, 0.3330, 0.3653

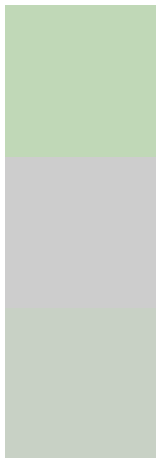
Deuteranomaly

63.0175, 0.3397, 0.3530

Tritanomaly

63.5259, 0.3018, 0.3301

Monochromacy



Original Color

63.7371, 0.3174, 0.3689

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.9115, 0.3143, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7371, 0.3174, 0.3689 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(192, 216, 183)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 183)  
}
```

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(192, 216, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 183) }
```

Border

The CSS property to change the border of an element to Yxy 63.7371, 0.3174, 0.3689 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(192, 216, 183) }
```

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

```
.border{ border-color:rgb(192, 216, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7371, 0.3174, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 183) }
```

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

```
.background{ background-color: rgb(192,  
216, 183) }
```

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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