

Converting Colors

Yxy(63.7457, 0.3141, 0.3709)

Have a look what the booklet for
Yxy(63.7457, 0.3141, 0.3709)
contains.

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Color

Yxy(63.6094, 0.3136, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	BBD9B7
RGB	187, 217, 183
RGB Percent	73%, 85%, 72%
CMY	0.2669, 0.1489, 0.2824
CMYK	0.14, 0.00, 0.16, 0.15
HSL	113°, 31%, 78%
HSV	113°, 16%, 85%
XYZ	53.8405, 63.6094, 54.2354
YIQ	204.1540, -6.9660, -16.9340

Conversions

Conversions Part 2

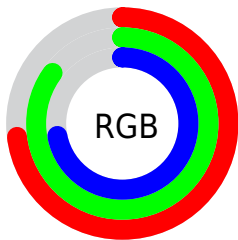
Format	Color
R _{YB}	183, 217, 213
Decimal	12310967
CIE Lab	83.76, -16.30, 13.46
CIE LCh	84, 21.142, 140.445
Yxy	63.6094, 0.3136, 0.3705
Android (android.graphics.Color)	4290501047 (0xFFBBD9B7)
YUV	204.1540, -10.4289, -15.0441
Hunter-Lab	79.7555, -19.0722, 15.5104

Details

The Yxy color **63.6094, 0.3136, 0.3705** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.0337, 0.3113, 0.2900**, and the grayscale version is **60.5505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8067, 0.3145, 0.3448**, and **32.5207, 0.3140, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **60.5173, 0.3139, 0.4010**, and if you desaturate by 10%, it is **67.1697, 0.3131, 0.3431**.

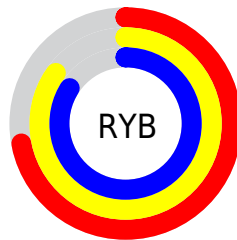
Distribution



Red (73%)

Green (85%)

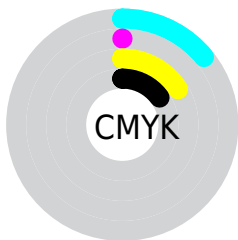
Blue (72%)



Red (72%)

Yellow (85%)

Blue (84%)

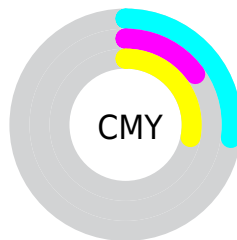


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (15%)



Cyan (27%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6094, 0.3136, 0.3705 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 63.6094, 0.3136, 0.3705 by changing the saturation by 10% instead.

 63.6094, 0.3136,
0.3705

 63.6094, 0.3136,
0.3705


437.7778, 0.3134,
0.3503

 46.3344, 0.3136,
0.3754

 110.0482, 0.3136,
0.3633

 32.5098, 0.3135,
0.3815


139.9808, 0.3136,
0.3605

 21.7512, 0.3133,
0.3896


174.9014, 0.3136,
0.3582

 13.6742, 0.3129,
0.4006

215.1943, 0.3135,
0.3562

 7.8944, 0.3121,
0.4163

261.2440, 0.3135,
0.3544

 4.0275, 0.3103,
0.4407

313.4349, 0.3135,

 1.6889, 0.3073,

0.3529

0.4861

372.1514, 0.3135,
0.3515

0.4165, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.6094, 0.3136,
0.3705

63.6094, 0.3136,
0.3705

60.5173, 0.3139,
0.4010

67.1697, 0.3131,
0.3431

57.8661, 0.3138,
0.4340

71.2079, 0.3124,
0.3189

55.6381, 0.3133,
0.4687

75.7438, 0.3116,
0.2978

53.8112, 0.3122,
0.5032

78.1172, 0.3144,
0.2921

■ 52.3614, 0.3106,
0.5353

■ 51.2620, 0.3085,
0.5625

■ 50.4827, 0.3060,
0.5826

■ 49.9879, 0.3034,
0.5946

■ 49.8454, 0.3026,
0.5980

Harmonies

Analogous

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



63.6094, 0.3397, 0.3764



63.6094, 0.3136, 0.3705



63.6094, 0.2881, 0.3518

Triad

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



63.6094, 0.3136, 0.3705



63.6094, 0.2679, 0.2888



63.6094, 0.3576, 0.3287

Complementary

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



63.6094, 0.3136, 0.3705



53.0337, 0.3113, 0.2900

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.



63.6094, 0.3368, 0.3075



63.6094, 0.3136, 0.3705



63.6094, 0.2850, 0.2849

Square

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



63.6094, 0.3136, 0.3705



63.6094, 0.2624, 0.3037



63.6094, 0.3100, 0.2917



63.6094, 0.3658, 0.3508

Rectangle

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



63.6094, 0.3136, 0.3705



63.6094, 0.2747, 0.3353



63.6094, 0.3100, 0.2917



63.6094, 0.3518, 0.3213

Sweetspot

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



63.6121, 0.3136, 0.3705



97.1300, 0.3130, 0.3415



65.7885, 0.3368, 0.3634



20.7065, 0.3131, 0.3433



0.0000, 0.0000, 0.0000



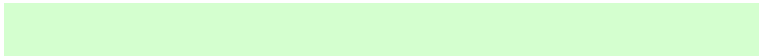
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6121, 0.3136, 0.3705



90.0237, 0.3137, 0.3808



63.6909, 0.3023, 0.3545



14.6780, 0.3133, 0.3530



30.1903, 0.3030, 0.5976



1.9805, 0.3106, 0.5916

Inverse Universe

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



53.0337, 0.3113, 0.2900



71.8396, 0.3109, 0.2811



52.9780, 0.3248, 0.3048



13.1944, 0.3120, 0.3058



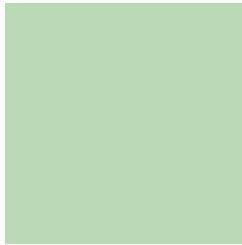
9.8368, 0.2920, 0.1382



0.6594, 0.2970, 0.1410

Previews

White Background



This preview shows how the Yxy color 63.6094, 0.3136, 0.3705 looks on a white background.

Color Contrast Check

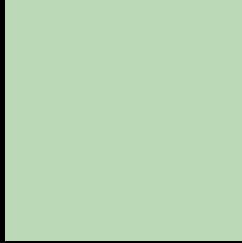
Large Text (above 18pt) WCAG AA × Fail

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 63.6094, 0.3136, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

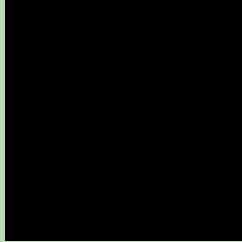
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

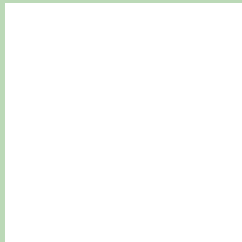
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6094, 0.3136, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 63.6094, 0.3136, 0.3705.

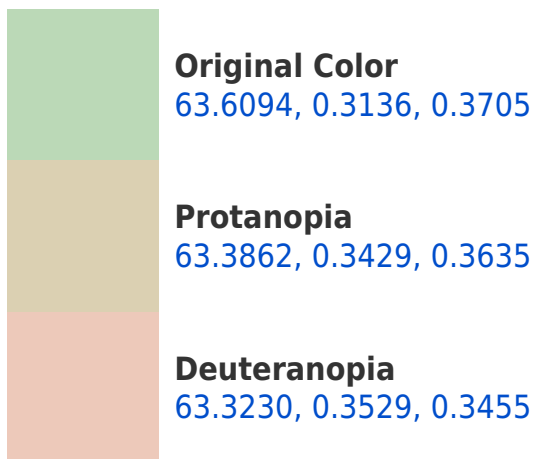


This preview shows how white text looks on a background with the Yxy color 63.6094, 0.3136, 0.3705.

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

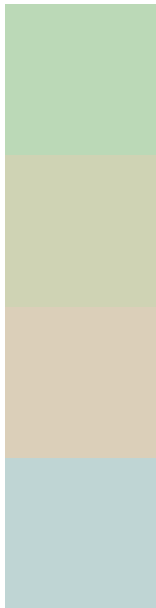




Tritanopia

63.6593, 0.2894, 0.3094

Trichromacy



Original Color

63.6094, 0.3136, 0.3705

Protanomaly

63.1492, 0.3315, 0.3655

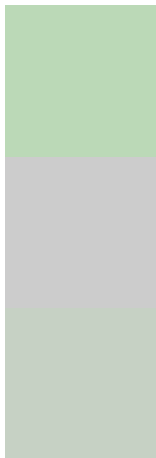
Deuteranomaly

63.1885, 0.3379, 0.3542

Tritanomaly

63.4183, 0.2976, 0.3301

Monochromacy



Original Color

63.6094, 0.3136, 0.3705

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.5922, 0.3135, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6094, 0.3136, 0.3705 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(187, 217, 183)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 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(187, 217, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 183) }
```

Border

The CSS property to change the border of an element to Yxy 63.6094, 0.3136, 0.3705 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(187, 217, 183) }
```

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

```
.border{ border-color:rgb(187, 217, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 183);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6094, 0.3136, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 217, 183) }
```

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

```
.background{ background-color: rgb(187,  
217, 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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