

Converting Colors

Yxy(63.4711, 0.3184, 0.3808)

Have a look what the booklet for
Yxy(63.4711, 0.3184, 0.3808)
contains.

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Color

Yxy(63.2856, 0.3190, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	BBD9AF
RGB	187, 217, 175
RGB Percent	73%, 85%, 69%
CMY	0.2664, 0.1491, 0.3137
CMYK	0.14, 0.00, 0.19, 0.15
HSL	103°, 36%, 77%
HSV	103°, 19%, 85%
XYZ	53.0568, 63.2856, 49.9798
YIQ	203.2420, -4.3980, -19.4220

Conversions

Conversions Part 2

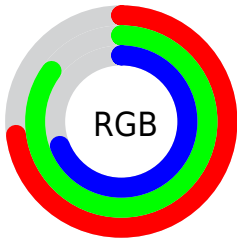
Format	Color
R _{YB}	175, 217, 205
Decimal	12310959
CIE Lab	83.59, -17.59, 17.43
CIE LCh	84, 24.762, 135.255
Yxy	63.2856, 0.3190, 0.3805
Android (android.graphics.Color)	4290501039 (0xFFBBD9AF)
YUV	203.2420, -13.9233, -14.2442
Hunter-Lab	79.5522, -20.1672, 18.4368

Details

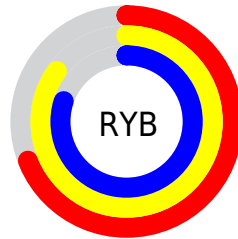
The Yxy color **63.2856, 0.3190, 0.3805** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.6415, 0.3049, 0.2797**, and the grayscale version is **59.9808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3442, 0.3191, 0.3528**, and **32.2323, 0.3199, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **60.6554, 0.3218, 0.4108**, and if you desaturate by 10%, it is **66.2684, 0.3158, 0.3526**.

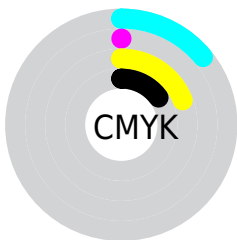
Distribution



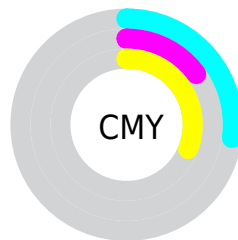
- Red (73%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)




- Cyan (27%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2856, 0.3190, 0.3805 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 63.2856, 0.3190, 0.3805 by changing the saturation by 10% instead.


 63.2856, 0.3190,
0.3805

 63.2856, 0.3190,
0.3805


436.6052, 0.3164,
0.3553

 46.0723, 0.3195,
0.3866


 109.5814, 0.3182,
0.3715

 32.3029, 0.3201,
0.3943


139.4328, 0.3178,
0.3681

 21.5929, 0.3207,
0.4044


174.2656, 0.3175,
0.3652

 13.5581, 0.3212,
0.4181

214.4642, 0.3172,
0.3627

 7.8140, 0.3216,
0.4378

260.4131, 0.3170,
0.3605

 3.9761, 0.3212,
0.4683

312.4966, 0.3168,

 1.6602, 0.3271,

0.3586

0.5371

371.0992, 0.3166,
0.3569

0.3977, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.2856, 0.3190,
0.3805

63.2856, 0.3190,
0.3805

60.6554, 0.3218,
0.4108

66.2684, 0.3158,
0.3526

58.3563, 0.3240,
0.4429

69.6080, 0.3125,
0.3274

56.3773, 0.3253,
0.4757

73.3190, 0.3091,
0.3050

54.7031, 0.3254,
0.5076

76.9665, 0.3102,
0.2915

■ 53.3173, 0.3242,
0.5367

■ 78.0996, 0.3145,
0.2920

■ 52.2017, 0.3215,
0.5608

■ 51.3359, 0.3175,
0.5784

■ 50.6907, 0.3127,
0.5895

■ 50.6544, 0.3124,
0.5901

Harmonies

Analogous

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



63.2856, 0.3488, 0.3842



63.2856, 0.3190, 0.3805



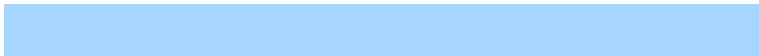
63.2856, 0.2885, 0.3606

Triad

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



63.2856, 0.3190, 0.3805



63.2856, 0.2583, 0.2841



63.2856, 0.3621, 0.3239

Complementary

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



63.2856, 0.3190, 0.3805



48.6415, 0.3049, 0.2797

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.



63.2856, 0.3357, 0.3001



63.2856, 0.3190, 0.3805



63.2856, 0.2759, 0.2775

Square

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



63.2856, 0.3190, 0.3805



63.2856, 0.2545, 0.3032



63.2856, 0.3039, 0.2835



63.2856, 0.3747, 0.3498

Rectangle

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



63.2856, 0.3190, 0.3805



63.2856, 0.2718, 0.3415



63.2856, 0.3039, 0.2835



63.2856, 0.3545, 0.3154

Sweetspot

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



63.2883, 0.3190, 0.3805



97.0435, 0.3147, 0.3440



61.2187, 0.3443, 0.3632



20.7049, 0.3150, 0.3457



0.0000, 0.0000, 0.0000



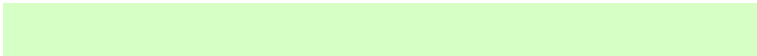
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2883, 0.3190, 0.3805



89.6972, 0.3201, 0.3920



62.1703, 0.3048, 0.3710



14.7865, 0.3159, 0.3529



30.7141, 0.3133, 0.5894



2.0332, 0.3256, 0.5797

Inverse Universe

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



48.6415, 0.3049, 0.2797



65.0615, 0.3030, 0.2693



49.9964, 0.3218, 0.2904



13.0772, 0.3092, 0.3056



7.2872, 0.2496, 0.1149



0.5151, 0.2616, 0.1215

Previews

White Background



This preview shows how the Yxy color 63.2856, 0.3190, 0.3805 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 63.2856, 0.3190, 0.3805 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 63.2856, 0.3190, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 63.2856, 0.3190, 0.3805.

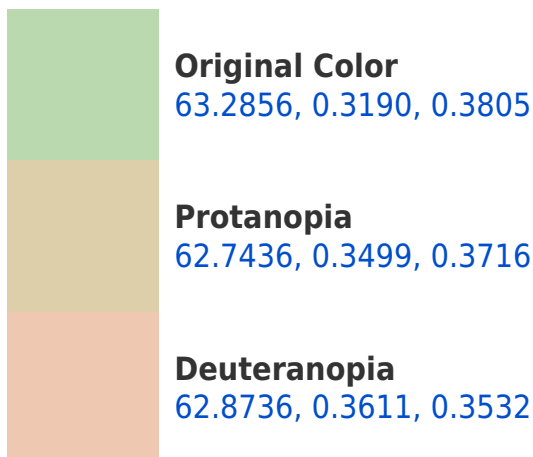


This preview shows how white text looks on a background with the Yxy color 63.2856, 0.3190, 0.3805.

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

63.2413, 0.2907, 0.3094

Trichromacy



Original Color

63.2856, 0.3190, 0.3805

Protanomaly

62.9770, 0.3380, 0.3750

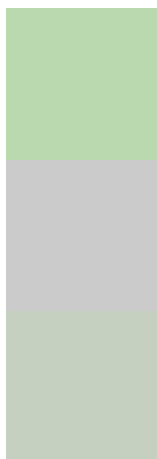
Deuteranomaly

62.5326, 0.3449, 0.3623

Tritanomaly

63.3490, 0.3009, 0.3349

Monochromacy



Original Color

63.2856, 0.3190, 0.3805

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.8323, 0.3149, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2856, 0.3190, 0.3805 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 175) }
```

Border

The CSS property to change the border of an element to Yxy 63.2856, 0.3190, 0.3805 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, 175) }
```

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

```
.border{ border-color:rgb(187, 217, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 175);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2856, 0.3190, 0.3805 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, 175) }
```

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

```
.background{ background-color: rgb(187,  
217, 175) }
```

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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