

Converting Colors

$Yxy(52.7753, 0.3283, 0.3685)$

Have a look what the booklet for
Yxy(52.7753, 0.3283, 0.3685)
contains.

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Color

Yxy(52.7613, 0.3286, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	BBC4A5
RGB	187, 196, 165
RGB Percent	73%, 77%, 65%
CMY	0.2668, 0.2313, 0.3528
CMYK	0.05, 0.00, 0.16, 0.23
HSL	77°, 21%, 71%
HSV	77°, 16%, 77%
XYZ	47.0230, 52.7613, 43.3166
YIQ	189.7750, 4.5870, -11.5490

Conversions

Conversions Part 2

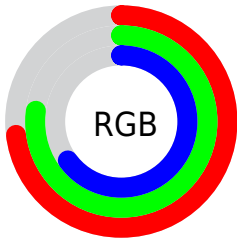
Format	Color
RYB	165, 196, 174
Decimal	12305573
CIELab	77.73, -8.57, 14.52
CIELCh	78, 16.859, 120.566
Yxy	52.7613, 0.3286, 0.3687
Android (android.graphics.Color)	4290495653 (0xFFBBC4A5)
YUV	189.7750, -12.2141, -2.4337
Hunter-Lab	72.6370, -11.5593, 15.4886

Details

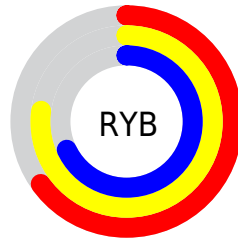
The Yxy color $52.7613, 0.3286, 0.3687$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.9129, 0.2951, 0.2880$, and the grayscale version is $51.4264, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.4726, 0.3258, 0.3620$, and $25.6066, 0.3333, 0.3795$ is the 20% darker color. If you saturate the color by 10%, you get $51.3972, 0.3386, 0.3955$, and if you desaturate by 10%, it is $54.2681, 0.3185, 0.3431$.

Distribution



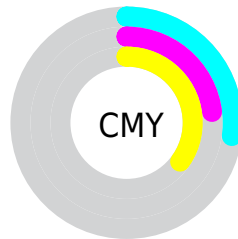
- Red (73%)
- Green (77%)
- Blue (65%)



- Red (65%)
- Yellow (77%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)





- Cyan (27%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7613, 0.3286, 0.3687 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 52.7613, 0.3286, 0.3687 by changing the saturation by 10% instead.


 52.7613, 0.3286,
0.3687

 52.7613, 0.3286,
0.3687


397.3687, 0.3210,
0.3489

 37.6122, 0.3304,
0.3736


 94.2530, 0.3259,
0.3615

 25.6819, 0.3326,
0.3799


 121.3645, 0.3249,
0.3588

 16.5858, 0.3355,
0.3882


153.2322, 0.3240,
0.3566

 9.9396, 0.3393,
0.3997

190.2406, 0.3232,
0.3546

 5.3589, 0.3444,
0.4167

232.7741, 0.3226,
0.3529

 2.4594, 0.3517,
0.4440

281.2170, 0.3220,

 0.8562, 0.4138,

0.3514

0.5862

335.9537, 0.3215,
0.3501

0.0000, 0.0000,
0.0000

52.7613, 0.3286,
0.3687

52.7613, 0.3286,
0.3687

51.3972, 0.3386,
0.3955

54.2681, 0.3185,
0.3431

50.1635, 0.3481,
0.4228

55.9157, 0.3086,
0.3192

49.0570, 0.3566,
0.4498


57.7110, 0.2991,
0.2970


48.0714, 0.3637,
0.4753


59.6585, 0.2901,
0.2768


47.1999, 0.3688,
0.4983


61.2341, 0.2867,
0.2660

 46.4351, 0.3716,
0.5176


 62.1173, 0.2907,
0.2668


 45.7680, 0.3719,
0.5323

 63.0310, 0.2948,
0.2675

 45.1879, 0.3698,
0.5422

 63.9755, 0.2990,
0.2683

 44.9615, 0.3685,
0.5456

 64.9512, 0.3031,
0.2690

Harmonies

Analogous

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



52.7613, 0.3475, 0.3661



52.7613, 0.3286, 0.3687



52.7613, 0.3059, 0.3597

Triad

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



52.7613, 0.3286, 0.3687



52.7613, 0.2701, 0.3024



52.7613, 0.3400, 0.3165

Complementary

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



52.7613, 0.3286, 0.3687



39.9129, 0.2951, 0.2880

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.



52.7613, 0.3184, 0.3009



52.7613, 0.3286, 0.3687



52.7613, 0.2784, 0.2926

Square

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



52.7613, 0.3286, 0.3687



52.7613, 0.2727, 0.3202



52.7613, 0.2958, 0.2923



52.7613, 0.3544, 0.3354

Rectangle

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



52.7613, 0.3286, 0.3687



52.7613, 0.2918, 0.3482



52.7613, 0.2958, 0.2923



52.7613, 0.3333, 0.3107

Sweetspot

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



52.7636, 0.3286, 0.3687



98.5077, 0.3178, 0.3413



44.6525, 0.3404, 0.3404



21.0410, 0.3185, 0.3431



0.0000, 0.0000, 0.0000



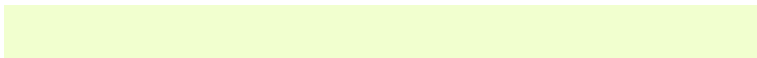
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7636, 0.3286, 0.3687



94.6819, 0.3321, 0.3779



50.9431, 0.3161, 0.3703



11.6061, 0.3221, 0.3521



28.9327, 0.3692, 0.5450



1.2840, 0.3808, 0.5358

Inverse Universe

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



39.9129, 0.2951, 0.2880



66.9490, 0.2906, 0.2781



41.7640, 0.3085, 0.2896



9.8871, 0.3028, 0.3055



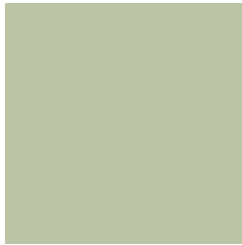
3.1613, 0.1701, 0.0710



0.1730, 0.1956, 0.0851

Previews

White Background



This preview shows how the Yxy color 52.7613, 0.3286, 0.3687 looks on a white background.

Color Contrast Check

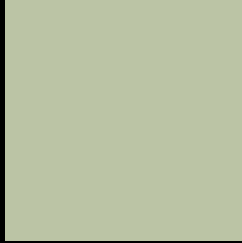
Large Text (above 18pt) WCAG AA × Fail

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 52.7613, 0.3286, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

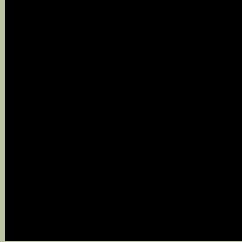
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

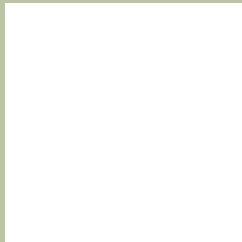
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7613, 0.3286, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 52.7613, 0.3286, 0.3687.



This preview shows how white text looks on a background with the Yxy color 52.7613, 0.3286, 0.3687.

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

52.7613, 0.3286, 0.3687

Protanopia

52.4625, 0.3439, 0.3638

Deuteranopia

52.5480, 0.3570, 0.3504



Tritanopia

52.5721, 0.3039, 0.3107

Trichromacy



Original Color

52.7613, 0.3286, 0.3687

Protanomaly

52.6906, 0.3384, 0.3654

Deuteranomaly

52.4138, 0.3463, 0.3572

Tritanomaly

52.4933, 0.3134, 0.3315

Monochromacy



Original Color

52.7613, 0.3286, 0.3687

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8543, 0.3186, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7613, 0.3286, 0.3687 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, 196, 165)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 165)  
}
```

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, 196, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 165) }
```

Border

The CSS property to change the border of an element to Yxy 52.7613, 0.3286, 0.3687 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, 196, 165) }
```

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

```
.border{ border-color:rgb(187, 196, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 196, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 196, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 196, 165);  
box-shadow:4px 4px 4px 4px rgb(187, 196,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7613, 0.3286, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 196, 165) }
```

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

```
.background{ background-color: rgb(187,  
196, 165) }
```

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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