

Converting Colors

Yxy(51.7288, 0.3260, 0.3662)

Have a look what the booklet for
Yxy(51.7288, 0.3260, 0.3662)
contains.

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Color

Yxy(51.5271, 0.3257, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2A6
RGB	184, 194, 166
RGB Percent	72%, 76%, 65%
CMY	0.2784, 0.2392, 0.3491
CMYK	0.05, 0.00, 0.14, 0.24
HSL	81°, 19%, 71%
HSV	81°, 14%, 76%
XYZ	45.9414, 51.5271, 43.5857
YIQ	187.8180, 3.0280, -10.8280

Conversions

Conversions Part 2

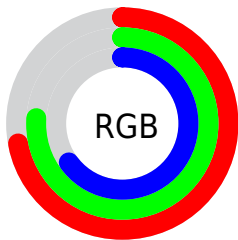
Format	Color
R _{YB}	166, 194, 176
Decimal	12108454
CIE Lab	77.00, -8.45, 12.94
CIE LCh	77, 15.458, 123.152
Yxy	51.5271, 0.3257, 0.3653
Android (android.graphics.Color)	4290298534 (0xFFB8C2A6)
YUV	187.8180, -10.7563, -3.3484
Hunter-Lab	71.7824, -11.3776, 14.2472

Details

The Yxy color $51.5271, 0.3257, 0.3653$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.3828, 0.2984, 0.2920$, and the grayscale version is $50.2424, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.1169, 0.3235, 0.3583$, and $24.7964, 0.3293, 0.3750$ is the 20% darker color. If you saturate the color by 10%, you get $50.0369, 0.3346, 0.3923$, and if you desaturate by 10%, it is $53.1709, 0.3167, 0.3398$.

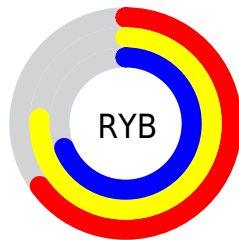
Distribution



Red (72%)

Green (76%)

Blue (65%)



Red (65%)

Yellow (76%)

Blue (69%)

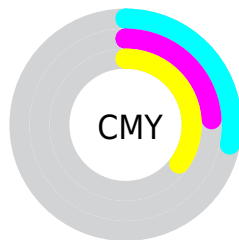


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (24%)



Cyan (28%)


Magenta (24%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5271, 0.3257, 0.3653 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 51.5271, 0.3257, 0.3653 by changing the saturation by 10% instead.


 51.5271, 0.3257,
0.3653

 51.5271, 0.3257,
0.3653


392.6082, 0.3195,
0.3472

 36.6283, 0.3272,
0.3698


 92.4334, 0.3235,
0.3587

 24.9198, 0.3290,
0.3756


 119.2097, 0.3227,
0.3562

 16.0173, 0.3314,
0.3833


150.7140, 0.3219,
0.3541

 9.5364, 0.3345,
0.3941

187.3306, 0.3213,
0.3523

 5.0927, 0.3388,
0.4101

229.4439, 0.3208,
0.3508

 2.3017, 0.3449,
0.4361

277.4383, 0.3203,

 0.7746, 0.4062,

0.3494

0.5938

331.6983, 0.3199,
0.3482

0.0000, 0.0000,
0.0000

51.5271, 0.3257,
0.3653

51.5271, 0.3257,
0.3653

50.0369, 0.3346,
0.3923

53.1709, 0.3167,
0.3398

48.6883, 0.3430,
0.4202

54.9667, 0.3078,
0.3161

47.4777, 0.3506,
0.4481

56.9216, 0.2993,
0.2943

46.3988, 0.3568,
0.4750

59.0400, 0.2912,
0.2746

45.4450, 0.3611,
0.4997

60.8023, 0.2887,
0.2643

■ 44.6086, 0.3631,
0.5208

■ 61.8947, 0.2937,
0.2652

■ 43.8809, 0.3628,
0.5374

■ 63.0322, 0.2988,
0.2661

■ 43.2515, 0.3600,
0.5491

■ 64.2153, 0.3039,
0.2671

■ 42.9339, 0.3578,
0.5541

■ 65.4445, 0.3090,
0.2681

Harmonies

Analogous

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



51.5271, 0.3437, 0.3639



51.5271, 0.3257, 0.3653



51.5271, 0.3047, 0.3561

Triad

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



51.5271, 0.3257, 0.3653



51.5271, 0.2735, 0.3034



51.5271, 0.3394, 0.3189

Complementary

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



51.5271, 0.3257, 0.3653



40.3828, 0.2984, 0.2920

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.



51.5271, 0.3198, 0.3040



51.5271, 0.3257, 0.3653



51.5271, 0.2821, 0.2949

Square

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



51.5271, 0.3257, 0.3653



51.5271, 0.2750, 0.3193



51.5271, 0.2988, 0.2953



51.5271, 0.3519, 0.3366

Rectangle

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



51.5271, 0.3257, 0.3653



51.5271, 0.2918, 0.3452



51.5271, 0.2988, 0.2953



51.5271, 0.3334, 0.3134

Sweetspot

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



51.5293, 0.3257, 0.3653



96.4480, 0.3163, 0.3388



45.1874, 0.3374, 0.3417



21.0689, 0.3170, 0.3407



0.0000, 0.0000, 0.0000



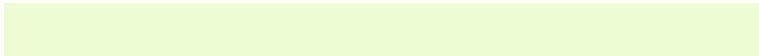
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5293, 0.3257, 0.3653



92.5642, 0.3282, 0.3728



49.9033, 0.3143, 0.3666



11.5730, 0.3211, 0.3521



28.2737, 0.3586, 0.5534



1.2591, 0.3724, 0.5425

Inverse Universe

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



40.3828, 0.2984, 0.2920



68.9007, 0.2952, 0.2842



42.0782, 0.3106, 0.2933



9.9188, 0.3038, 0.3056



3.4387, 0.1788, 0.0758



0.1875, 0.2050, 0.0903

Previews

White Background



This preview shows how the Yxy color 51.5271, 0.3257, 0.3653 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 51.5271, 0.3257, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

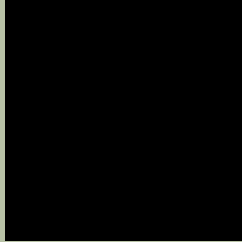
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

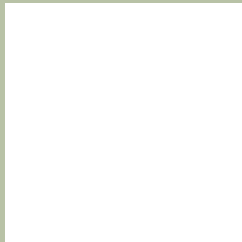
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5271, 0.3257, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 51.5271, 0.3257, 0.3653.



This preview shows how white text looks on a background with the Yxy color 51.5271, 0.3257, 0.3653.

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

51.5271, 0.3257, 0.3653

Protanopia

51.2176, 0.3409, 0.3604

Deuteranopia

51.2931, 0.3540, 0.3470



Tritanopia

51.7020, 0.3023, 0.3105

Trichromacy



Original Color

51.5271, 0.3257, 0.3653

Protanomaly

51.4475, 0.3354, 0.3620

Deuteranomaly

51.1680, 0.3433, 0.3538

Tritanomaly

51.6707, 0.3110, 0.3303

Monochromacy



Original Color

51.5271, 0.3257, 0.3653

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6870, 0.3179, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5271, 0.3257, 0.3653 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(184, 194, 166)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 166)  
}
```

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(184, 194, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 166) }
```

Border

The CSS property to change the border of an element to Yxy 51.5271, 0.3257, 0.3653 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(184, 194, 166) }
```

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

```
.border{ border-color:rgb(184, 194, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 166);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5271, 0.3257, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 166) }
```

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

```
.background{ background-color: rgb(184,  
194, 166) }
```

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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