

Converting Colors

$Yxy(54.3024, 0.3285, 0.3779)$

Have a look what the booklet for
Yxy(54.3024, 0.3285, 0.3779)
contains.

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Color

Yxy(54.2315, 0.3286, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	B9C8A2
RGB	185, 200, 162
RGB Percent	73%, 78%, 64%
CMY	0.2746, 0.2157, 0.3646
CMYK	0.08, 0.00, 0.19, 0.22
HSL	84°, 26%, 71%
HSV	84°, 19%, 78%
XYZ	47.1815, 54.2315, 42.1705
YIQ	191.1830, 3.2580, -14.9980

Conversions

Conversions Part 2

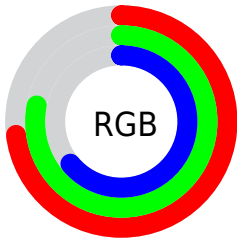
Format	Color
RYB	162, 200, 177
Decimal	12175522
CIELab	78.60, -11.85, 17.31
CIELCh	79, 20.978, 124.385
Yxy	54.2315, 0.3286, 0.3777
Android (android.graphics.Color)	4290365602 (0xFFB9C8A2)
YUV	191.1830, -14.3872, -5.4225
Hunter-Lab	73.6420, -14.5108, 17.5975

Details

The Yxy color $54.2315, 0.3286, 0.3777$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.3690, 0.2944, 0.2794$, and the grayscale version is $52.2961, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.2305, 0.3260, 0.3672$, and $26.5891, 0.3330, 0.3916$ is the 20% darker color. If you saturate the color by 10%, you get $52.6217, 0.3367, 0.4055$, and if you desaturate by 10%, it is $56.0139, 0.3202, 0.3513$.

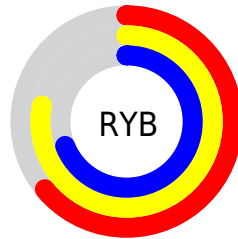
Distribution



Red (73%)

Green (78%)

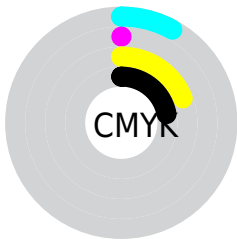
Blue (64%)



Red (64%)

Yellow (78%)

Blue (69%)

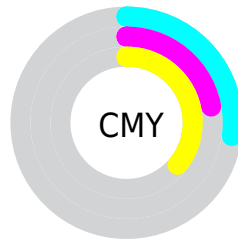


Cyan (8%)

Magenta (0%)

Yellow (19%)

Black (22%)



Cyan (27%)


Magenta (22%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2315, 0.3286, 0.3777 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 54.2315, 0.3286, 0.3777 by changing the saturation by 10% instead.


 54.2315, 0.3286,
0.3777


 54.2315, 0.3286,
0.3777


402.9922, 0.3212,
0.3534

 38.7868, 0.3303,
0.3837


 96.4141, 0.3260,
0.3689

 26.5939, 0.3324,
0.3914


 123.9207, 0.3250,
0.3656

 17.2685, 0.3350,
0.4016


156.2168, 0.3241,
0.3628

 10.4261, 0.3384,
0.4157

193.6866, 0.3234,
0.3604

 5.6824, 0.3427,
0.4363

236.7147, 0.3227,
0.3583

 2.6529, 0.3480,
0.4693

285.6854, 0.3221,

 0.9533, 0.3923,

0.3565

0.6077

340.9831, 0.3216,
0.3549

0.0000, 0.0000,
0.0000

54.2315, 0.3286,
0.3777

54.2315, 0.3286,
0.3777

52.6217, 0.3367,
0.4055

56.0139, 0.3202,
0.3513

51.1711, 0.3441,
0.4340

57.9677, 0.3119,
0.3266

49.8755, 0.3504,
0.4623

60.1007, 0.3038,
0.3040

48.7277, 0.3551,
0.4891

62.4182, 0.2960,
0.2834

47.7197, 0.3578,
0.5130

64.4647, 0.2932,
0.2715

■ 46.8426, 0.3581,
0.5329

■ 65.7621, 0.2988,
0.2724

■ 46.0859, 0.3561,
0.5479

■ 67.1191, 0.3045,
0.2734

■ 45.4330, 0.3520,
0.5581

■ 68.5364, 0.3103,
0.2744

■ 45.3710, 0.3515,
0.5591

■ 69.7923, 0.3152,
0.2752

Harmonies

Analogous

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



54.2315, 0.3530, 0.3758



54.2315, 0.3286, 0.3777



54.2315, 0.3007, 0.3648

Triad

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



54.2315, 0.3286, 0.3777



54.2315, 0.2612, 0.2940



54.2315, 0.3493, 0.3163

Complementary

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



54.2315, 0.3286, 0.3777



39.3690, 0.2944, 0.2794

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.



54.2315, 0.3232, 0.2968



54.2315, 0.3286, 0.3777



54.2315, 0.2728, 0.2836

Square

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



54.2315, 0.3286, 0.3777



54.2315, 0.2626, 0.3146



54.2315, 0.2951, 0.2849



54.2315, 0.3656, 0.3395

Rectangle

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



54.2315, 0.3286, 0.3777



54.2315, 0.2838, 0.3496



54.2315, 0.2951, 0.2849



54.2315, 0.3413, 0.3092

Sweetspot

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



54.2339, 0.3286, 0.3777



97.9239, 0.3178, 0.3439



46.1684, 0.3462, 0.3476



20.9128, 0.3183, 0.3456



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.



54.2339, 0.3286, 0.3777



92.6449, 0.3322, 0.3896



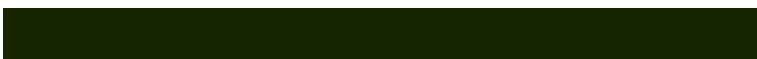
52.0772, 0.3137, 0.3800



12.1997, 0.3206, 0.3522



28.8990, 0.3524, 0.5584



1.4095, 0.3664, 0.5473

Inverse Universe

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



39.3690, 0.2944, 0.2794



62.0025, 0.2895, 0.2669



41.6961, 0.3109, 0.2818



10.4887, 0.3043, 0.3056



3.7597, 0.1846, 0.0791



0.2199, 0.2089, 0.0925

Previews

White Background



This preview shows how the Yxy color 54.2315, 0.3286, 0.3777 looks on a white background.

Color Contrast Check

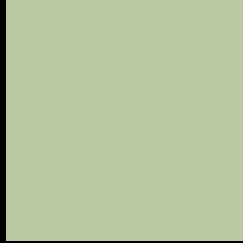
Large Text (above 18pt) WCAG AA × Fail

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 54.2315, 0.3286, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

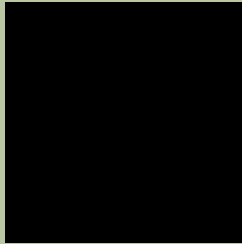
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2315, 0.3286, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 54.2315, 0.3286, 0.3777.



This preview shows how white text looks on a background with the Yxy color 54.2315, 0.3286, 0.3777.

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

54.2315, 0.3286, 0.3777

Protanopia

54.2086, 0.3498, 0.3718

Deuteranopia

53.9452, 0.3617, 0.3548



Tritanopia

54.3935, 0.3002, 0.3108

Trichromacy



Original Color

54.2315, 0.3286, 0.3777

Protanomaly

54.0237, 0.3417, 0.3739

Deuteranomaly

53.9349, 0.3489, 0.3630

Tritanomaly

54.1044, 0.3101, 0.3340

Monochromacy



Original Color

54.2315, 0.3286, 0.3777

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6977, 0.3192, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2315, 0.3286, 0.3777 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(185, 200, 162)` looks like.

```
.text, #text, p{  
    color:rgb(185, 200, 162)  
}
```

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(185, 200, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 200, 162) }
```

Border

The CSS property to change the border of an element to Yxy 54.2315, 0.3286, 0.3777 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(185, 200, 162) }
```

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

```
.border{ border-color:rgb(185, 200, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 200, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 200, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 200, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 200,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2315, 0.3286, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 200, 162) }
```

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

```
.background{ background-color: rgb(185,  
200, 162) }
```

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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