

Converting Colors

Yxy(54.2743, 0.3321, 0.3760)

Have a look what the booklet for
Yxy(54.2743, 0.3321, 0.3760)
contains.

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Color

Yxy(54.2743, 0.3321, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	BDC7A2
RGB	189, 199, 162
RGB Percent	74%, 78%, 64%
CMY	0.2587, 0.2196, 0.3647
CMYK	0.05, 0.00, 0.19, 0.22
HSL	76°, 25%, 71%
HSV	76°, 19%, 78%
XYZ	47.9375, 54.2743, 42.1348
YIQ	191.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

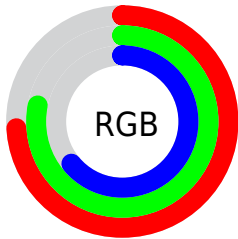
Format	Color
RYB	162, 199, 172
Decimal	12437410
CIELab	78.62, -9.85, 17.40
CIELCh	79, 19.992, 119.523
Yxy	54.2743, 0.3321, 0.3760
Android (android.graphics.Color)	4290627490 (0xFFBDC7A2)
YUV	191.7920, -14.6875, -2.4486
Hunter-Lab	73.6711, -12.7752, 17.6600

Details

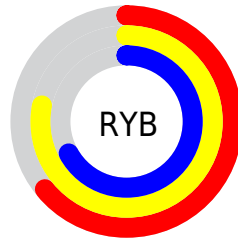
The Yxy color $54.2743, 0.3321, 0.3760$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.7342, 0.2908, 0.2800$, and the grayscale version is $52.6734, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.9422, 0.3286, 0.3669$, and $26.5275, 0.3366, 0.3894$ is the 20% darker color. If you saturate the color by 10%, you get $52.9509, 0.3424, 0.4029$, and if you desaturate by 10%, it is $55.7398, 0.3216, 0.3501$.

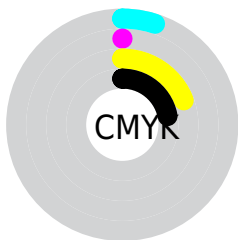
Distribution



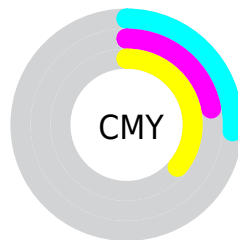
- Red (74%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2743, 0.3321, 0.3760 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 54.2743, 0.3321, 0.3760 by changing the saturation by 10% instead.


 54.2743, 0.3321,
0.3760


 54.2743, 0.3321,
0.3760


403.1551, 0.3229,
0.3527

 38.8210, 0.3342,
0.3818


 96.4769, 0.3289,
0.3676

 26.6205, 0.3369,
0.3891


 123.9949, 0.3276,
0.3644

 17.2884, 0.3402,
0.3988


156.3034, 0.3266,
0.3617

 10.4403, 0.3446,
0.4122

193.7866, 0.3256,
0.3594

 5.6919, 0.3504,
0.4317

236.8290, 0.3248,
0.3574

 2.6586, 0.3582,
0.4626

285.8150, 0.3241,

 0.9562, 0.4108,

0.3556

0.5892

341.1289, 0.3235,
0.3541

0.0000, 0.0000,
0.0000

54.2743, 0.3321,
0.3760

54.2743, 0.3321,
0.3760

52.9509, 0.3424,
0.4029

55.7398, 0.3216,
0.3501

51.7570, 0.3521,
0.4300

57.3454, 0.3113,
0.3256

50.6889, 0.3607,
0.4564

59.0983, 0.3013,
0.3029

49.7402, 0.3676,
0.4809

61.0033, 0.2918,
0.2821

48.9037, 0.3725,
0.5025

62.6386, 0.2870,
0.2693

■ 48.1713, 0.3750,
0.5201

■ 63.4676, 0.2908,
0.2700

■ 47.5336, 0.3749,
0.5330

■ 64.3236, 0.2946,
0.2706

■ 46.9756, 0.3726,
0.5416

■ 65.2066, 0.2984,
0.2713

■ 46.9001, 0.3722,
0.5427

■ 66.1170, 0.3023,
0.2720

Harmonies

Analogous

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



54.2743, 0.3541, 0.3721



54.2743, 0.3321, 0.3760



54.2743, 0.3055, 0.3659

Triad

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



54.2743, 0.3321, 0.3760



54.2743, 0.2629, 0.2983



54.2743, 0.3440, 0.3135

Complementary

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



54.2743, 0.3321, 0.3760



38.7342, 0.2908, 0.2800

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.



54.2743, 0.3183, 0.2958



54.2743, 0.3321, 0.3760



54.2743, 0.2720, 0.2866

Square

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



54.2743, 0.3321, 0.3760



54.2743, 0.2663, 0.3193



54.2743, 0.2920, 0.2860



54.2743, 0.3615, 0.3355

Rectangle

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



54.2743, 0.3321, 0.3760



54.2743, 0.2889, 0.3525



54.2743, 0.2920, 0.2860



54.2743, 0.3360, 0.3069

Sweetspot

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



54.2767, 0.3321, 0.3760



98.2801, 0.3190, 0.3438



44.2065, 0.3463, 0.3417



20.9971, 0.3197, 0.3455



0.0000, 0.0000, 0.0000



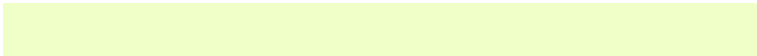
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2767, 0.3321, 0.3760



94.1445, 0.3360, 0.3860



52.0711, 0.3171, 0.3782



12.2678, 0.3225, 0.3521



30.2042, 0.3729, 0.5421



1.4644, 0.3830, 0.5341

Inverse Universe

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



38.7342, 0.2908, 0.2800



62.3188, 0.2857, 0.2690



40.9610, 0.3071, 0.2823



10.4234, 0.3024, 0.3054



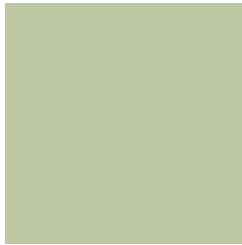
3.1862, 0.1674, 0.0696



0.1876, 0.1904, 0.0823

Previews

White Background



This preview shows how the Yxy color 54.2743, 0.3321, 0.3760 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 54.2743, 0.3321, 0.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

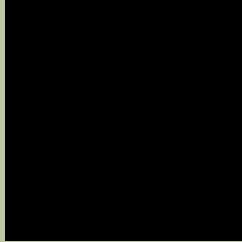
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

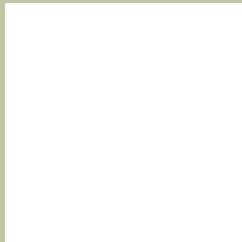
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2743, 0.3321, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 54.2743, 0.3321, 0.3760.



This preview shows how white text looks on a background with the Yxy color 54.2743, 0.3321, 0.3760.

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

54.2743, 0.3321, 0.3760

Protanopia

54.2434, 0.3491, 0.3706

Deuteranopia

54.0683, 0.3634, 0.3559



Tritanopia

54.4298, 0.3041, 0.3110

Trichromacy



Original Color

54.2743, 0.3321, 0.3760

Protanomaly

54.3324, 0.3427, 0.3724

Deuteranomaly

53.7548, 0.3517, 0.3629

Tritanomaly

54.1293, 0.3141, 0.3339

Monochromacy



Original Color

54.2743, 0.3321, 0.3760

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4428, 0.3200, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2743, 0.3321, 0.3760 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(189, 199, 162)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 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(189, 199, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 162) }
```

Border

The CSS property to change the border of an element to Yxy 54.2743, 0.3321, 0.3760 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(189, 199, 162) }
```

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

```
.border{ border-color:rgb(189, 199, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 199, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 199, 162); box-shadow:4px 4px 4px 4px rgb(189, 199, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2743, 0.3321, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 162) }
```

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

```
.background{ background-color: rgb(189,  
199, 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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