

Converting Colors

$Yxy(54.2373, 0.3341, 0.3752)$

Have a look what the booklet for
Yxy(54.2373, 0.3341, 0.3752)
contains.

Yxy(54.0732, 0.3339, 0.3746)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0732, 0.3339, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	BFC6A2
RGB	191, 198, 162
RGB Percent	75%, 78%, 64%
CMY	0.2510, 0.2235, 0.3647
CMYK	0.04, 0.00, 0.18, 0.22
HSL	72°, 24%, 71%
HSV	72°, 18%, 78%
XYZ	48.1982, 54.0732, 42.0778
YIQ	191.8030, 7.3840, -12.6800

Conversions

Conversions Part 2

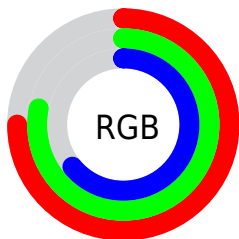
Format	Color
RYB	162, 198, 169
Decimal	12568226
CIELab	78.50, -8.63, 17.26
CIELCh	79, 19.296, 116.557
Yxy	54.0732, 0.3339, 0.3746
Android (android.graphics.Color)	4290758306 (0xFFBFC6A2)
YUV	191.8030, -14.6929, -0.7042
Hunter-Lab	73.5345, -11.6875, 17.5473

Details

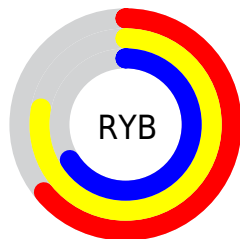
The Yxy color $54.0732, 0.3339, 0.3746$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.3555, 0.2890, 0.2808$, and the grayscale version is $52.6752, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.4862, 0.3306, 0.3666$, and $26.3907, 0.3392, 0.3874$ is the 20% darker color. If you saturate the color by 10%, you get $52.9317, 0.3455, 0.4009$, and if you desaturate by 10%, it is $55.3436, 0.3222, 0.3490$.

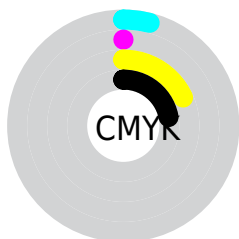
Distribution



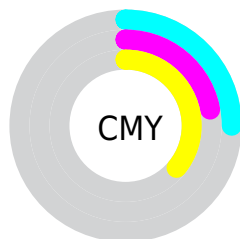
- Red (75%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)




- Cyan (25%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0732, 0.3339, 0.3746 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 54.0732, 0.3339, 0.3746 by changing the saturation by 10% instead.

 54.0732, 0.3339,
0.3746

 54.0732, 0.3339,
0.3746


402.3891, 0.3238,
0.3520

 38.6602, 0.3363,
0.3802

 96.1817, 0.3303,
0.3664

 26.4955, 0.3392,
0.3873


 123.6460, 0.3290,
0.3634

 17.1947, 0.3430,
0.3966


155.8962, 0.3278,
0.3607

 10.3734, 0.3479,
0.4095

193.3166, 0.3268,
0.3585

 5.6472, 0.3546,
0.4283

236.2917, 0.3259,
0.3566

 2.6318, 0.3638,
0.4579

285.2059, 0.3251,

 0.9427, 0.4206,

0.3548

0.5794

340.4436, 0.3244,
0.3533

0.0000, 0.0000,
0.0000

54.0732, 0.3339,
0.3746

54.0732, 0.3339,
0.3746

52.9317, 0.3455,
0.4009

55.3436, 0.3222,
0.3490

51.9066, 0.3566,
0.4272

56.7406, 0.3107,
0.3247

50.9946, 0.3665,
0.4525


58.2713, 0.2996,
0.3020


50.1896, 0.3749,
0.4758

59.9402, 0.2891,
0.2810


49.4846, 0.3812,
0.4960


61.3585, 0.2831,
0.2676


 48.8719, 0.3851,
0.5122


 61.9335, 0.2858,
0.2681

 48.3424, 0.3864,
0.5239

 62.5223, 0.2885,
0.2685

 47.8822, 0.3853,
0.5313

 63.1250, 0.2912,
0.2690

 47.8023, 0.3851,
0.5325

 63.7416, 0.2940,
0.2695

Harmonies

Analogous

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



54.0732, 0.3544, 0.3697



54.0732, 0.3339, 0.3746



54.0732, 0.3083, 0.3661

Triad

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



54.0732, 0.3339, 0.3746



54.0732, 0.2642, 0.3010



54.0732, 0.3408, 0.3121

Complementary

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



54.0732, 0.3339, 0.3746



38.3555, 0.2890, 0.2808

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.



54.0732, 0.3155, 0.2955



54.0732, 0.3339, 0.3746



54.0732, 0.2720, 0.2886

Square

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



54.0732, 0.3339, 0.3746



54.0732, 0.2688, 0.3220



54.0732, 0.2904, 0.2869



54.0732, 0.3587, 0.3332

Rectangle

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



54.0732, 0.3339, 0.3746



54.0732, 0.2919, 0.3538



54.0732, 0.2904, 0.2869



54.0732, 0.3328, 0.3059

Sweetspot

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



54.0756, 0.3339, 0.3746



98.7371, 0.3186, 0.3413



42.8432, 0.3461, 0.3376



21.0968, 0.3194, 0.3431



0.0000, 0.0000, 0.0000



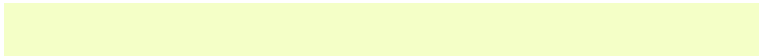
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0756, 0.3339, 0.3746



94.8817, 0.3387, 0.3855



51.9314, 0.3195, 0.3767



12.3084, 0.3236, 0.3520



31.1195, 0.3855, 0.5321



1.5010, 0.3930, 0.5262

Inverse Universe

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



38.3555, 0.2890, 0.2808



61.6998, 0.2828, 0.2685



40.4330, 0.3045, 0.2830



10.3854, 0.3012, 0.3053



2.9561, 0.1600, 0.0655



0.1705, 0.1800, 0.0765

Previews

White Background



This preview shows how the Yxy color 54.0732, 0.3339, 0.3746 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 54.0732, 0.3339, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

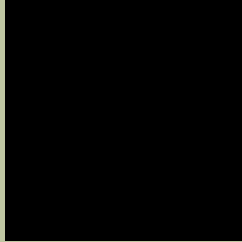
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

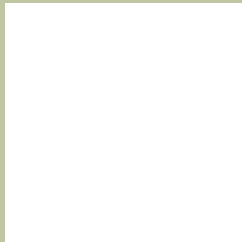
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0732, 0.3339, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 54.0732, 0.3339, 0.3746.



This preview shows how white text looks on a background with the Yxy color 54.0732, 0.3339, 0.3746.

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

54.0732, 0.3339, 0.3746

Protanopia

54.1008, 0.3482, 0.3707

Deuteranopia

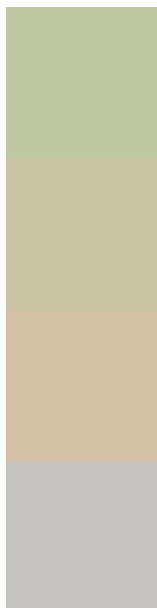
53.9090, 0.3625, 0.3560



Tritanopia

54.0746, 0.3056, 0.3110

Trichromacy



Original Color

54.0732, 0.3339, 0.3746

Protanomaly

53.8828, 0.3429, 0.3712

Deuteranomaly

53.7548, 0.3517, 0.3629

Tritanomaly

53.9473, 0.3158, 0.3327

Monochromacy



Original Color

54.0732, 0.3339, 0.3746

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1262, 0.3209, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0732, 0.3339, 0.3746 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(191, 198, 162)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 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(191, 198, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 162) }
```

Border

The CSS property to change the border of an element to Yxy 54.0732, 0.3339, 0.3746 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(191, 198, 162) }
```

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

```
.border{ border-color:rgb(191, 198, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 198, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 162);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0732, 0.3339, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 162) }
```

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

```
.background{ background-color: rgb(191,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor