

Converting Colors

Yxy(53.4014, 0.3376, 0.3721)

Have a look what the booklet for
Yxy(53.4014, 0.3376, 0.3721)
contains.

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Color

Yxy(53.5224, 0.3376, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	C2C4A1
RGB	194, 196, 161
RGB Percent	76%, 77%, 63%
CMY	0.2390, 0.2314, 0.3686
CMYK	0.01, 0.00, 0.18, 0.23
HSL	63°, 23%, 70%
HSV	63°, 18%, 77%
XYZ	48.4298, 53.5224, 41.5010
YIQ	191.4120, 10.0430, -11.3090

Conversions

Conversions Part 2

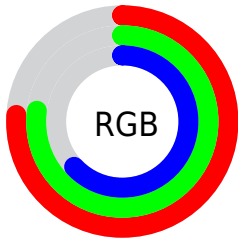
Format	Color
RYB	161, 196, 163
Decimal	12764321
CIELab	78.18, -6.60, 17.37
CIELCh	78, 18.586, 110.805
Yxy	53.5224, 0.3376, 0.3731
Android (android.graphics.Color)	4290954401 (0xFFC2C4A1)
YUV	191.4120, -14.9931, 2.2697
Hunter-Lab	73.1590, -9.8648, 17.5778

Details

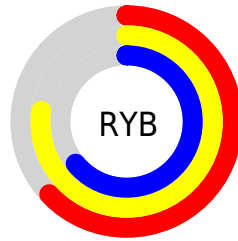
The Yxy color **53.5224, 0.3376, 0.3731** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2612, 0.2854, 0.2812**, and the grayscale version is **52.4413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7177, 0.3334, 0.3655**, and **26.0256, 0.3442, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **52.7425, 0.3517, 0.3984**, and if you desaturate by 10%, it is **54.4165, 0.3235, 0.3481**.

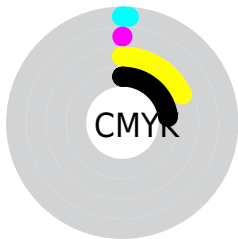
Distribution



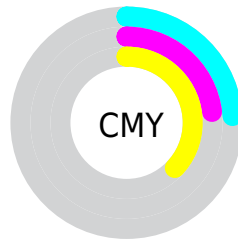
- Red (76%)
- Green (77%)
- Blue (63%)



- Red (63%)
- Yellow (77%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)




- Cyan (24%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5224, 0.3376, 0.3731 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 53.5224, 0.3376, 0.3731 by changing the saturation by 10% instead.


 53.5224, 0.3376,
0.3731


 53.5224, 0.3376,
0.3731


400.2861, 0.3256,
0.3513

 38.2200, 0.3404,
0.3785


 95.3726, 0.3334,
0.3652

 26.1535, 0.3440,
0.3853


 122.6892, 0.3317,
0.3623

 16.9385, 0.3486,
0.3943


154.7793, 0.3303,
0.3597

 10.1906, 0.3546,
0.4066

192.0273, 0.3291,
0.3576

 5.5255, 0.3629,
0.4245

234.8176, 0.3281,
0.3557

 2.5588, 0.3748,
0.4524

283.5346, 0.3272,

 0.9060, 0.4358,

0.3540

0.5642

338.5626, 0.3264,
0.3526

0.0000, 0.0000,
0.0000

53.5224, 0.3376,
0.3731

53.5224, 0.3376,
0.3731

52.7425, 0.3517,
0.3984

54.4165, 0.3235,
0.3481

52.0647, 0.3653,
0.4232

55.4223, 0.3098,
0.3239

51.4859, 0.3778,
0.4464


56.5467, 0.2967,
0.3010

51.0001, 0.3888,
0.4672


57.7940, 0.2845,
0.2797

50.6008, 0.3977,
0.4847


58.9072, 0.2755,
0.2640


 50.2805, 0.4041,
0.4980


 59.0576, 0.2763,
0.2642


 50.0305, 0.4079,
0.5071

 59.2091, 0.2770,
0.2643

 49.8379, 0.4094,
0.5121

 59.3616, 0.2778,
0.2644

 49.7994, 0.4096,
0.5130

 59.5153, 0.2785,
0.2646

Harmonies

Analogous

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



53.5224, 0.3557, 0.3661



53.5224, 0.3376, 0.3731



53.5224, 0.3133, 0.3674

Triad

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



53.5224, 0.3376, 0.3731



53.5224, 0.2657, 0.3053



53.5224, 0.3355, 0.3091

Complementary

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



53.5224, 0.3376, 0.3731



37.2612, 0.2854, 0.2812

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.



53.5224, 0.3106, 0.2943



53.5224, 0.3376, 0.3731



53.5224, 0.2710, 0.2915

Square

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



53.5224, 0.3376, 0.3731



53.5224, 0.2724, 0.3267



53.5224, 0.2871, 0.2878



53.5224, 0.3546, 0.3290

Rectangle

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



53.5224, 0.3376, 0.3731



53.5224, 0.2970, 0.3568



53.5224, 0.2871, 0.2878



53.5224, 0.3275, 0.3034

Sweetspot

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



53.5248, 0.3376, 0.3731



99.0714, 0.3197, 0.3413



40.4176, 0.3464, 0.3314



21.1783, 0.3207, 0.3430



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.



53.5248, 0.3376, 0.3731



96.4568, 0.3425, 0.3819



51.3678, 0.3232, 0.3752



11.7289, 0.3256, 0.3518



32.0140, 0.4097, 0.5129



1.3921, 0.4120, 0.5111

Inverse Universe

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



37.2612, 0.2854, 0.2812



62.1021, 0.2793, 0.2707



39.2122, 0.3005, 0.2833



9.7742, 0.2992, 0.3053



2.6186, 0.1520, 0.0611



0.1226, 0.1594, 0.0652

Previews

White Background



This preview shows how the Yxy color 53.5224, 0.3376, 0.3731 looks on a white background.

Color Contrast Check

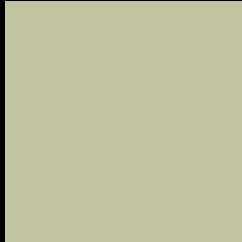
Large Text (above 18pt) WCAG AA × Fail

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 53.5224, 0.3376, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

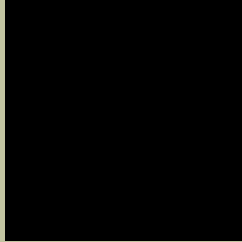
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

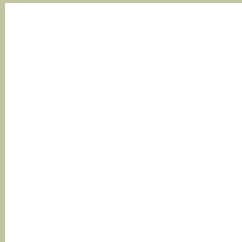
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5224, 0.3376, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 53.5224, 0.3376, 0.3731.



This preview shows how white text looks on a background with the Yxy color 53.5224, 0.3376, 0.3731.

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

53.5224, 0.3376, 0.3731

Protanopia

53.4805, 0.3484, 0.3709

Deuteranopia

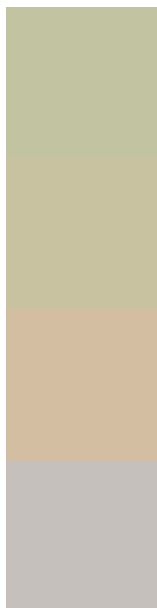
53.4501, 0.3637, 0.3560



Tritanopia

53.5140, 0.3095, 0.3110

Trichromacy



Original Color

53.5224, 0.3376, 0.3731

Protanomaly

53.4010, 0.3439, 0.3713

Deuteranomaly

53.4326, 0.3537, 0.3628

Tritanomaly

53.3792, 0.3199, 0.3327

Monochromacy



Original Color

53.5224, 0.3376, 0.3731

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6417, 0.3217, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5224, 0.3376, 0.3731 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(194, 196, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 161)  
}
```

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(194, 196, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 161) }
```

Border

The CSS property to change the border of an element to Yxy 53.5224, 0.3376, 0.3731 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(194, 196, 161) }
```

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

```
.border{ border-color:rgb(194, 196, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5224, 0.3376, 0.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 161) }
```

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

```
.background{ background-color: rgb(194,  
196, 161) }
```

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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