

Converting Colors

Yxy(51.6231, 0.3335, 0.3491)

Have a look what the booklet for
Yxy(51.6231, 0.3335, 0.3491)
contains.

Yxy(51.5544, 0.3337, 0.3490)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.5544, 0.3337, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	C7BDAD
RGB	199, 189, 173
RGB Percent	78%, 74%, 68%
CMY	0.2195, 0.2588, 0.3217
CMYK	0.00, 0.05, 0.13, 0.22
HSL	37°, 19%, 73%
HSV	37°, 13%, 78%
XYZ	49.2943, 51.5544, 46.8717
YIQ	190.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

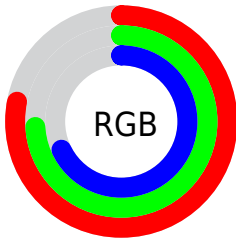
Format	Color
RYB	189, 199, 173
Decimal	13090221
CIELab	77.01, 0.80, 9.36
CIELCh	77, 9.390, 85.122
Yxy	51.5544, 0.3337, 0.3490
Android (android.graphics.Color)	4291280301 (0xFFC7BDAD)
YUV	190.1660, -8.4628, 7.7474
Hunter-Lab	71.8014, -3.1057, 11.5567

Details

The Yxy color **51.5544, 0.3337, 0.3490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8652, 0.2924, 0.3082**, and the grayscale version is **51.6392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1663, 0.3297, 0.3457**, and **25.0085, 0.3390, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **47.6373, 0.3518, 0.3651**, and if you desaturate by 10%, it is **55.7645, 0.3174, 0.3336**.

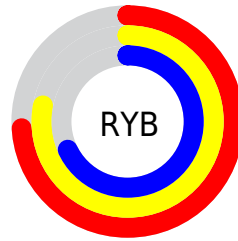
Distribution



Red (78%)

Green (74%)

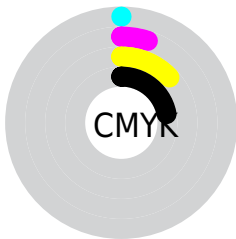
Blue (68%)



Red (74%)

Yellow (78%)

Blue (68%)

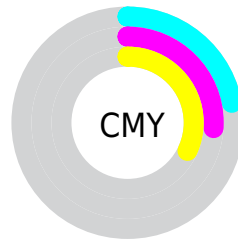


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5544, 0.3337, 0.3490 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 51.5544, 0.3337, 0.3490 by changing the saturation by 10% instead.

■ 51.5544, 0.3337,
0.3490

■ 51.5544, 0.3337,
0.3490

392.7139, 0.3234,
0.3392

■ 36.6500, 0.3362,
0.3514

■ 92.4737, 0.3300,
0.3455

■ 24.9366, 0.3395,
0.3544

119.2575, 0.3286,
0.3441

■ 16.0298, 0.3437,
0.3584

150.7698, 0.3274,
0.3430

■ 9.5453, 0.3495,
0.3639

187.3951, 0.3264,
0.3420

■ 5.0985, 0.3580,
0.3718

229.5178, 0.3255,
0.3412

■ 2.3052, 0.3715,
0.3843

277.5222, 0.3247,

■ 0.7765, 0.4391,

0.3404

0.4500

331.7928, 0.3240,
0.3398

0.0000, 0.0000,
0.0000

51.5544, 0.3337,
0.3490

51.5544, 0.3337,
0.3490

47.6373, 0.3518,
0.3651

55.7645, 0.3174,
0.3336

43.9987, 0.3717,
0.3814

60.2681, 0.3028,
0.3191

40.6327, 0.3931,
0.3974

65.0744, 0.2899,
0.3055

37.5305, 0.4156,
0.4121

70.1903, 0.2785,
0.2931

34.6830, 0.4383,
0.4246

74.4448, 0.2778,
0.2991

■ 32.0798, 0.4604,
0.4337

■ 78.7302, 0.2784,
0.3075

■ 29.7097, 0.4805,
0.4383

■ 83.2041, 0.2790,
0.3157

■ 27.5594, 0.4976,
0.4377

■ 87.8687, 0.2796,
0.3239

■ 26.1873, 0.5079,
0.4349

■ 90.8844, 0.2800,
0.3289

Harmonies

Analogous

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



51.5544, 0.3378, 0.3415



51.5544, 0.3337, 0.3490



51.5544, 0.3240, 0.3512

Triad

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



51.5544, 0.3337, 0.3490



51.5544, 0.2910, 0.3264



51.5544, 0.3137, 0.3117

Complementary

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



51.5544, 0.3337, 0.3490



46.8652, 0.2924, 0.3082

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.



51.5544, 0.3012, 0.3077



51.5544, 0.3337, 0.3490



51.5544, 0.2883, 0.3158

Square

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



51.5544, 0.3337, 0.3490



51.5544, 0.2993, 0.3381



51.5544, 0.2920, 0.3091



51.5544, 0.3261, 0.3201

Rectangle

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



51.5544, 0.3337, 0.3490



51.5544, 0.3157, 0.3492



51.5544, 0.2920, 0.3091



51.5544, 0.3093, 0.3098

Sweetspot

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



51.5567, 0.3337, 0.3490



96.8838, 0.3189, 0.3350



45.4548, 0.3273, 0.3160



20.6137, 0.3201, 0.3362



0.0000, 0.0000, 0.0000



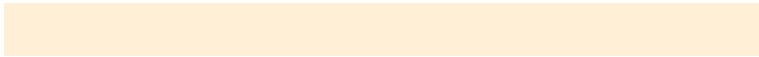
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5567, 0.3337, 0.3490



88.0423, 0.3392, 0.3540



55.6617, 0.3299, 0.3612



11.7056, 0.3274, 0.3432



17.0097, 0.5063, 0.4362



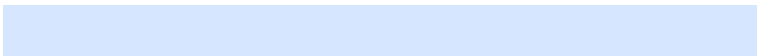
0.9425, 0.4836, 0.4542

Inverse Universe

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



46.8652, 0.2924, 0.3082



78.0764, 0.2873, 0.3027



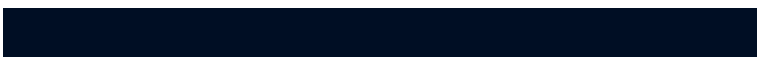
43.1801, 0.2942, 0.2951



10.9449, 0.2983, 0.3144



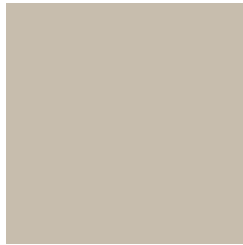
6.1782, 0.1676, 0.1234



0.4323, 0.1795, 0.1660

Previews

White Background



This preview shows how the Yxy color 51.5544, 0.3337, 0.3490 looks on a white background.

Color Contrast Check

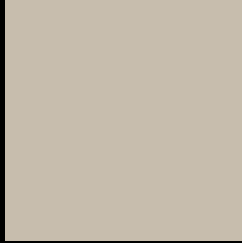
Large Text (above 18pt) WCAG AA × Fail

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 51.5544, 0.3337, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

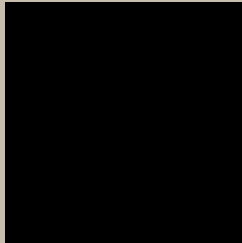
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

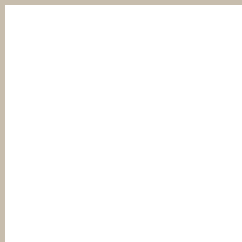
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5544, 0.3337, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 51.5544, 0.3337, 0.3490.

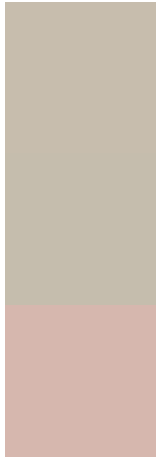


This preview shows how white text looks on a background with the Yxy color 51.5544, 0.3337, 0.3490.

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

51.5544, 0.3337, 0.3490

Protanopia

51.2826, 0.3319, 0.3491

Deuteranopia

51.2191, 0.3471, 0.3399



Tritanopia

51.5646, 0.3161, 0.3110

Trichromacy



Original Color

51.5544, 0.3337, 0.3490

Protanomaly

51.4181, 0.3328, 0.3490

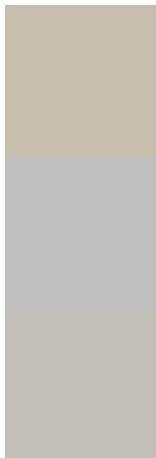
Deuteranomaly

51.3092, 0.3423, 0.3424

Tritanomaly

51.3921, 0.3230, 0.3242

Monochromacy



Original Color

51.5544, 0.3337, 0.3490

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6251, 0.3198, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5544, 0.3337, 0.3490 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(199, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 173)  
}
```

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(199, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 173) }
```

Border

The CSS property to change the border of an element to Yxy 51.5544, 0.3337, 0.3490 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(199, 189, 173) }
```

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

```
.border{ border-color:rgb(199, 189, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 189,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5544, 0.3337, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 173) }
```

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

```
.background{ background-color: rgb(199,  
189, 173) }
```

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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