

Converting Colors

Yxy(51.5540, 0.3316, 0.3554)

Have a look what the booklet for
Yxy(51.5540, 0.3316, 0.3554)
contains.

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Color

Yxy(51.6332, 0.3314, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	C2BFAA
RGB	194, 191, 170
RGB Percent	76%, 75%, 67%
CMY	0.2393, 0.2509, 0.3332
CMYK	0.00, 0.02, 0.12, 0.24
HSL	53°, 16%, 71%
HSV	53°, 12%, 76%
XYZ	48.1329, 51.6332, 45.4750
YIQ	189.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

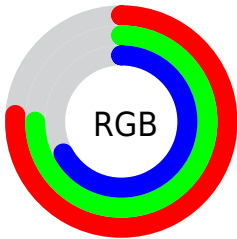
Format	Color
RYB	173, 194, 170
Decimal	12763050
CIELab	77.06, -2.59, 10.95
CIELCh	77, 11.253, 103.283
Yxy	51.6332, 0.3314, 0.3555
Android (android.graphics.Color)	4290953130 (0xFFC2BFAA)
YUV	189.5030, -9.6150, 3.9439
Hunter-Lab	71.8562, -6.1802, 12.7771

Details

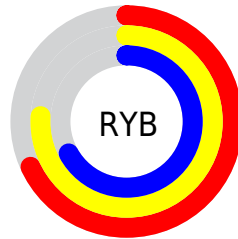
The Yxy color **51.6332, 0.3314, 0.3555** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3322, 0.2934, 0.3010**, and the grayscale version is **51.2453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4670, 0.3286, 0.3508**, and **25.0604, 0.3359, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **49.9134, 0.3474, 0.3777**, and if you desaturate by 10%, it is **53.4831, 0.3162, 0.3339**.

Distribution



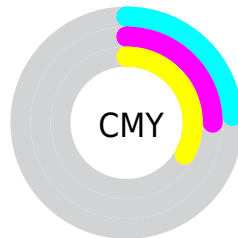
- Red (76%)
- Green (75%)
- Blue (67%)



- Red (68%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6332, 0.3314, 0.3555 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 51.6332, 0.3314, 0.3555 by changing the saturation by 10% instead.


 51.6332, 0.3314,
0.3555

 51.6332, 0.3314,
0.3555


393.0189, 0.3223,
0.3424

 36.7128, 0.3336,
0.3587


 92.5901, 0.3281,
0.3508

 24.9852, 0.3364,
0.3628


119.3953, 0.3269,
0.3490

 16.0660, 0.3401,
0.3683


150.9309, 0.3258,
0.3475

 9.5709, 0.3452,
0.3758

187.5814, 0.3249,
0.3462

 5.1154, 0.3524,
0.3867

229.7310, 0.3241,
0.3450

 2.3151, 0.3637,
0.4042

277.7642, 0.3234,

 0.7817, 0.4395,

0.3441

0.5053

332.0654, 0.3228,
0.3432

0.0000, 0.0000,
0.0000

51.6332, 0.3314,
0.3555

51.6332, 0.3314,
0.3555

49.9134, 0.3474,
0.3777

53.4831, 0.3162,
0.3339

48.3121, 0.3638,
0.3998

55.4609, 0.3019,
0.3134

46.8264, 0.3801,
0.4212

57.5730, 0.2887,
0.2940

45.4508, 0.3957,
0.4409

59.8235, 0.2766,
0.2761

44.1790, 0.4100,
0.4578

61.4176, 0.2725,
0.2714

■ 43.0044, 0.4223,
0.4712

■ 62.5634, 0.2727,
0.2742

■ 41.9190, 0.4321,
0.4804

■ 63.7269, 0.2729,
0.2769

■ 40.9135, 0.4391,
0.4851

■ 64.9082, 0.2732,
0.2796

■ 40.1843, 0.4430,
0.4864

■ 66.1073, 0.2734,
0.2824

Harmonies

Analogous

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



51.6332, 0.3407, 0.3500



51.6332, 0.3314, 0.3555



51.6332, 0.3172, 0.3537

Triad

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



51.6332, 0.3314, 0.3555



51.6332, 0.2839, 0.3178



51.6332, 0.3231, 0.3139

Complementary

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



51.6332, 0.3314, 0.3555



42.3322, 0.2934, 0.3010

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.



51.6332, 0.3077, 0.3057



51.6332, 0.3314, 0.3555



51.6332, 0.2853, 0.3076

Square

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



51.6332, 0.3314, 0.3555



51.6332, 0.2899, 0.3315



51.6332, 0.2940, 0.3034



51.6332, 0.3359, 0.3260

Rectangle

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



51.6332, 0.3314, 0.3555



51.6332, 0.3069, 0.3485



51.6332, 0.2940, 0.3034



51.6332, 0.3180, 0.3107

Sweetspot

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



51.6355, 0.3314, 0.3555



96.3292, 0.3187, 0.3376



43.2541, 0.3320, 0.3249



21.0378, 0.3199, 0.3392



0.0000, 0.0000, 0.0000



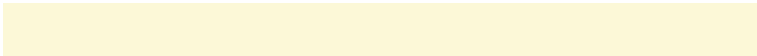
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6355, 0.3314, 0.3555



92.6471, 0.3360, 0.3619



51.8169, 0.3236, 0.3598



11.5382, 0.3268, 0.3490



26.5082, 0.4427, 0.4867



1.2064, 0.4368, 0.4914

Inverse Universe

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



42.3322, 0.2934, 0.3010



72.2501, 0.2886, 0.2938



42.2172, 0.3009, 0.2977



9.9449, 0.2983, 0.3082



3.0587, 0.1529, 0.0703



0.1999, 0.1612, 0.1003

Previews

White Background



This preview shows how the Yxy color 51.6332, 0.3314, 0.3555 looks on a white background.

Color Contrast Check

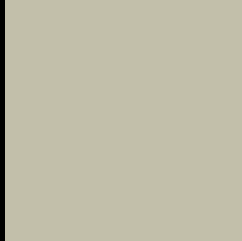
Large Text (above 18pt) WCAG AA × Fail

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 51.6332, 0.3314, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

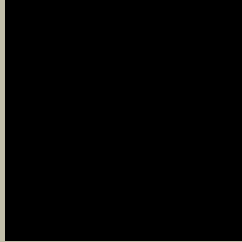
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

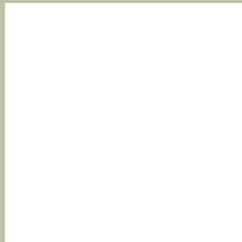
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6332, 0.3314, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 51.6332, 0.3314, 0.3555.



This preview shows how white text looks on a background with the Yxy color 51.6332, 0.3314, 0.3555.

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

51.6332, 0.3314, 0.3555

Protanopia

51.6973, 0.3358, 0.3553

Deuteranopia

51.2926, 0.3497, 0.3423



Tritanopia

51.3406, 0.3111, 0.3108

Trichromacy



Original Color

51.6332, 0.3314, 0.3555

Protanomaly

51.5618, 0.3350, 0.3554

Deuteranomaly

51.3235, 0.3428, 0.3474

Tritanomaly

51.5545, 0.3186, 0.3266

Monochromacy



Original Color

51.6332, 0.3314, 0.3555

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3222, 0.3189, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6332, 0.3314, 0.3555 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, 191, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 170)  
}
```

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, 191, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 170) }
```

Border

The CSS property to change the border of an element to Yxy 51.6332, 0.3314, 0.3555 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, 191, 170) }
```

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

```
.border{ border-color:rgb(194, 191, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 170);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6332, 0.3314, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 170) }
```

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

```
.background{ background-color: rgb(194,  
191, 170) }
```

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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