

Converting Colors

Yxy(51.4994, 0.3359, 0.3643)

Have a look what the booklet for
Yxy(51.4994, 0.3359, 0.3643)
contains.

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Color

Yxy(51.2794, 0.3353, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	C1BFA4
RGB	193, 191, 164
RGB Percent	76%, 75%, 64%
CMY	0.2433, 0.2509, 0.3569
CMYK	0.00, 0.01, 0.15, 0.24
HSL	56°, 19%, 70%
HSV	56°, 15%, 76%
XYZ	47.3142, 51.2794, 42.5165
YIQ	188.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

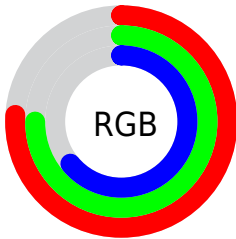
Format	Color
RYB	166, 193, 164
Decimal	12697508
CIELab	76.85, -3.94, 13.90
CIELCh	77, 14.448, 105.825
Yxy	51.2794, 0.3353, 0.3634
Android (android.graphics.Color)	4290887588 (0xFFC1BFA4)
YUV	188.5200, -12.0884, 3.9290
Hunter-Lab	71.6096, -7.3776, 14.9248

Details

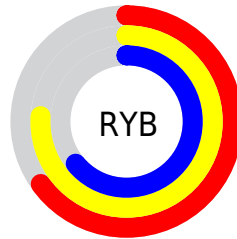
The Yxy color **51.2794, 0.3353, 0.3634** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9816, 0.2889, 0.2921**, and the grayscale version is **50.6638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9600, 0.3317, 0.3569**, and **24.8358, 0.3411, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **50.0764, 0.3509, 0.3869**, and if you desaturate by 10%, it is **52.5977, 0.3201, 0.3403**.

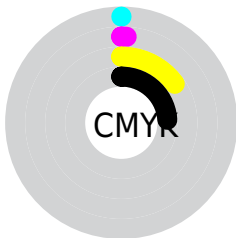
Distribution



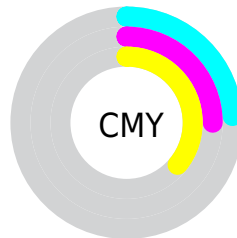
- Red (76%)
- Green (75%)
- Blue (64%)



- Red (65%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (24%)




- Cyan (24%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2794, 0.3353, 0.3634 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 51.2794, 0.3353, 0.3634 by changing the saturation by 10% instead.

 51.2794, 0.3353,
0.3634

 51.2794, 0.3353,
0.3634


391.6483, 0.3243,
0.3463

 36.4310, 0.3380,
0.3676

 92.0676, 0.3314,
0.3572

 24.7673, 0.3413,
0.3730


 118.7763, 0.3299,
0.3549

 15.9037, 0.3457,
0.3801


150.2071, 0.3286,
0.3529

 9.4561, 0.3517,
0.3899

186.7446, 0.3275,
0.3512

 5.0398, 0.3602,
0.4043

228.7730, 0.3265,
0.3498

 2.2707, 0.3730,
0.4271

276.6769, 0.3257,

 0.7581, 0.4516,

0.3485

0.5484

330.8405, 0.3249,
0.3474

0.0000, 0.0000,
0.0000

51.2794, 0.3353,
0.3634

51.2794, 0.3353,
0.3634

50.0764, 0.3509,
0.3869

52.5977, 0.3201,
0.3403

48.9770, 0.3666,
0.4101

54.0289, 0.3056,
0.3181

47.9786, 0.3817,
0.4320

55.5795, 0.2921,
0.2971

47.0753, 0.3957,
0.4518

57.2535, 0.2795,
0.2776

46.2612, 0.4079,
0.4686

58.6980, 0.2713,
0.2649

■ 45.5294, 0.4178,
0.4815

■ 59.2882, 0.2714,
0.2664

■ 44.8717, 0.4251,
0.4900

■ 59.8835, 0.2715,
0.2679

■ 44.2786, 0.4298,
0.4944

■ 60.4837, 0.2716,
0.2694

■ 43.9972, 0.4315,
0.4956

■ 61.0891, 0.2718,
0.2708

Harmonies

Analogous

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



51.2794, 0.3481, 0.3567



51.2794, 0.3353, 0.3634



51.2794, 0.3166, 0.3604

Triad

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



51.2794, 0.3353, 0.3634



51.2794, 0.2756, 0.3130



51.2794, 0.3276, 0.3109

Complementary

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



51.2794, 0.3353, 0.3634



38.9816, 0.2889, 0.2921

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.



51.2794, 0.3078, 0.3000



51.2794, 0.3353, 0.3634



51.2794, 0.2783, 0.3007

Square

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



51.2794, 0.3353, 0.3634



51.2794, 0.2825, 0.3305



51.2794, 0.2899, 0.2962



51.2794, 0.3437, 0.3264

Rectangle

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



51.2794, 0.3353, 0.3634



51.2794, 0.3035, 0.3531



51.2794, 0.2899, 0.2962



51.2794, 0.3212, 0.3066

Sweetspot

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



51.2817, 0.3353, 0.3634



94.2350, 0.3202, 0.3404



40.6437, 0.3382, 0.3259



20.1793, 0.3212, 0.3420



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



51.2817, 0.3353, 0.3634



91.1653, 0.3404, 0.3711



50.6102, 0.3247, 0.3670



11.6393, 0.3266, 0.3503



29.3246, 0.4314, 0.4957



1.3023, 0.4284, 0.4980

Inverse Universe

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



38.9816, 0.2889, 0.2921



64.9387, 0.2831, 0.2832



39.6289, 0.2993, 0.2906



9.8537, 0.2983, 0.3068



2.7943, 0.1514, 0.0649



0.1588, 0.1563, 0.0825

Previews

White Background



This preview shows how the Yxy color 51.2794, 0.3353, 0.3634 looks on a white background.

Color Contrast Check

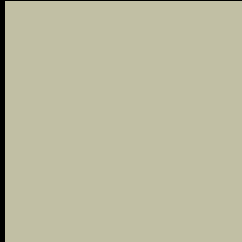
Large Text (above 18pt) WCAG AA × Fail

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 51.2794, 0.3353, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

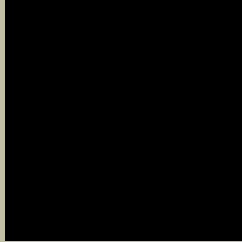
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

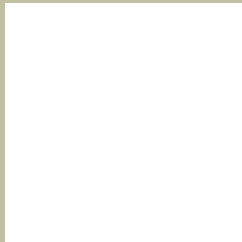
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2794, 0.3353, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 51.2794, 0.3353, 0.3634.



This preview shows how white text looks on a background with the Yxy color 51.2794, 0.3353, 0.3634.

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

51.2794, 0.3353, 0.3634

Protanopia

51.1816, 0.3417, 0.3616

Deuteranopia

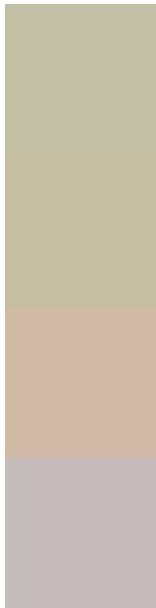
51.3719, 0.3566, 0.3494



Tritanopia

51.2937, 0.3119, 0.3120

Trichromacy



Original Color

51.2794, 0.3353, 0.3634

Protanomaly

51.3416, 0.3398, 0.3630

Deuteranomaly

51.2443, 0.3487, 0.3548

Tritanomaly

51.2901, 0.3201, 0.3303

Monochromacy



Original Color

51.2794, 0.3353, 0.3634

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0693, 0.3204, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2794, 0.3353, 0.3634 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(193, 191, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 164)  
}
```

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(193, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 164) }
```

Border

The CSS property to change the border of an element to Yxy 51.2794, 0.3353, 0.3634 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(193, 191, 164) }
```

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

```
.border{ border-color:rgb(193, 191, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 191, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 191, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 191, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 191,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2794, 0.3353, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 164) }
```

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

```
.background{ background-color: rgb(193,  
191, 164) }
```

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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