

Converting Colors

Yxy(53.1511, 0.3362, 0.3685)

Have a look what the booklet for
Yxy(53.1511, 0.3362, 0.3685)
contains.

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Color

Yxy(53.1799, 0.3354, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	C2C3A4
RGB	194, 195, 164
RGB Percent	76%, 76%, 64%
CMY	0.2394, 0.2352, 0.3568
CMYK	0.01, 0.00, 0.16, 0.24
HSL	62°, 21%, 70%
HSV	62°, 16%, 76%
XYZ	48.4557, 53.1799, 42.8358
YIQ	191.1670, 9.3550, -9.8530

Conversions

Conversions Part 2

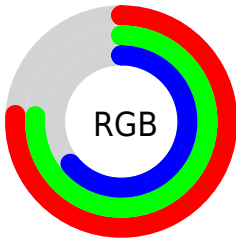
Format	Color
RYB	164, 195, 165
Decimal	12764068
CIELab	77.98, -5.66, 15.49
CIElCh	78, 16.491, 110.082
Yxy	53.1799, 0.3354, 0.3681
Android (android.graphics.Color)	4290954148 (0xFFC2C3A4)
YUV	191.1670, -13.3933, 2.4845
Hunter-Lab	72.9246, -9.0113, 16.2203

Details

The Yxy color **53.1799, 0.3354, 0.3681** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5017, 0.2881, 0.2869**, and the grayscale version is **52.2753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2445, 0.3317, 0.3616**, and **25.7951, 0.3414, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **52.4424, 0.3499, 0.3933**, and if you desaturate by 10%, it is **54.0305, 0.3210, 0.3433**.

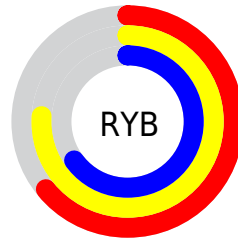
Distribution



Red (76%)

Green (76%)

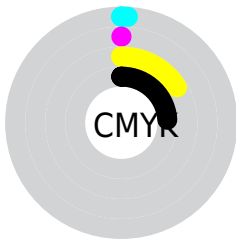
Blue (64%)



Red (64%)

Yellow (76%)

Blue (65%)

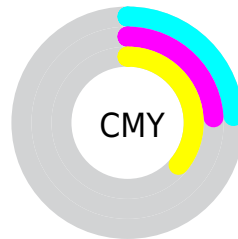


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1799, 0.3354, 0.3681 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 53.1799, 0.3354, 0.3681 by changing the saturation by 10% instead.


 53.1799, 0.3354,
0.3681


 53.1799, 0.3354,
0.3681


398.9749, 0.3244,
0.3488

 37.9464, 0.3380,
0.3729


 94.8690, 0.3315,
0.3611

 25.9411, 0.3413,
0.3789


 122.0935, 0.3300,
0.3585

 16.7796, 0.3455,
0.3869


154.0837, 0.3287,
0.3563

 10.0775, 0.3512,
0.3979

191.2240, 0.3277,
0.3543

 5.4503, 0.3591,
0.4138

233.8989, 0.3267,
0.3527

 2.5138, 0.3707,
0.4390

282.4928, 0.3259,

 0.8836, 0.4426,

0.3512

0.5574

337.3900, 0.3251,
0.3499

0.0000, 0.0000,
0.0000

53.1799, 0.3354,
0.3681

53.1799, 0.3354,
0.3681

52.4424, 0.3499,
0.3933

54.0305, 0.3210,
0.3433

51.8062, 0.3640,
0.4180

54.9918, 0.3071,
0.3193

51.2682, 0.3772,
0.4413

56.0704, 0.2939,
0.2967

50.8227, 0.3889,
0.4623

57.2706, 0.2815,
0.2757

50.4633, 0.3986,
0.4800

58.1692, 0.2739,
0.2626

■ 50.1829, 0.4059,
0.4938

■ 58.2599, 0.2744,
0.2627

■ 49.9732, 0.4106,
0.5032

■ 58.3510, 0.2749,
0.2628

■ 49.8238, 0.4128,
0.5085

■ 58.4425, 0.2753,
0.2629

■ 49.7713, 0.4133,
0.5100

■ 58.5344, 0.2758,
0.2630

Harmonies

Analogous

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



53.1799, 0.3512, 0.3618



53.1799, 0.3354, 0.3681



53.1799, 0.3139, 0.3632

Triad

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



53.1799, 0.3354, 0.3681



53.1799, 0.2708, 0.3084



53.1799, 0.3325, 0.3109

Complementary

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



53.1799, 0.3354, 0.3681



38.5017, 0.2881, 0.2869

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.



53.1799, 0.3103, 0.2977



53.1799, 0.3354, 0.3681



53.1799, 0.2753, 0.2958

Square

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



53.1799, 0.3354, 0.3681



53.1799, 0.2770, 0.3276



53.1799, 0.2895, 0.2922



53.1799, 0.3496, 0.3287

Rectangle

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



53.1799, 0.3354, 0.3681



53.1799, 0.2993, 0.3540



53.1799, 0.2895, 0.2922



53.1799, 0.3253, 0.3058

Sweetspot

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



53.1822, 0.3354, 0.3681



96.8834, 0.3198, 0.3413



41.2104, 0.3422, 0.3304



21.1909, 0.3209, 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.



53.1822, 0.3354, 0.3681



94.7596, 0.3403, 0.3766



51.2407, 0.3225, 0.3697



11.7402, 0.3260, 0.3518



32.3498, 0.4134, 0.5099



1.4033, 0.4148, 0.5088

Inverse Universe

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



38.5017, 0.2881, 0.2869



63.6137, 0.2822, 0.2768



40.2637, 0.3016, 0.2886



9.7641, 0.2988, 0.3052



2.5964, 0.1513, 0.0607



0.1180, 0.1559, 0.0632

Previews

White Background



This preview shows how the Yxy color 53.1799, 0.3354, 0.3681 looks on a white background.

Color Contrast Check

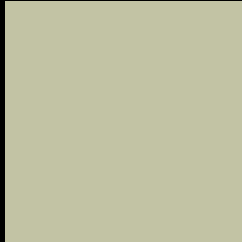
Large Text (above 18pt) WCAG AA × Fail

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 53.1799, 0.3354, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

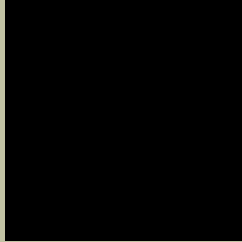
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

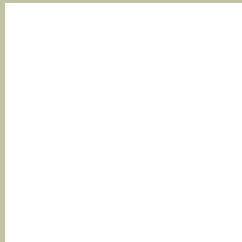
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1799, 0.3354, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 53.1799, 0.3354, 0.3681.



This preview shows how white text looks on a background with the Yxy color 53.1799, 0.3354, 0.3681.

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

53.1799, 0.3354, 0.3681

Protanopia

53.0401, 0.3445, 0.3648

Deuteranopia

52.8232, 0.3596, 0.3515



Tritanopia

53.0342, 0.3103, 0.3110

Trichromacy



Original Color

53.1799, 0.3354, 0.3681

Protanomaly

53.0636, 0.3417, 0.3663

Deuteranomaly

52.9607, 0.3506, 0.3581

Tritanomaly

52.9415, 0.3200, 0.3315

Monochromacy



Original Color

53.1799, 0.3354, 0.3681

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2419, 0.3211, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1799, 0.3354, 0.3681 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, 195, 164)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 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(194, 195, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 164) }
```

Border

The CSS property to change the border of an element to Yxy 53.1799, 0.3354, 0.3681 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, 195, 164) }
```

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

```
.border{ border-color:rgb(194, 195, 164) }
```

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

Here you see how a box with a 4 pixel rgb(194, 195, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 164);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1799, 0.3354, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 164) }
```

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

```
.background{ background-color: rgb(194,  
195, 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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