

Converting Colors

Yxy(53.7447, 0.3232, 0.3437)

Have a look what the booklet for
Yxy(53.7447, 0.3232, 0.3437)
contains.

Yxy(53.6967, 0.3234, 0.3439)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.6967, 0.3234, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	C4C2B6
RGB	196, 194, 182
RGB Percent	77%, 76%, 71%
CMY	0.2314, 0.2392, 0.2863
CMYK	0.00, 0.01, 0.07, 0.23
HSL	52°, 11%, 74%
HSV	52°, 7%, 77%
XYZ	50.4958, 53.6967, 51.9479
YIQ	193.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

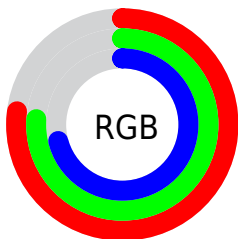
Format	Color
RYB	184, 196, 182
Decimal	12894902
CIELab	78.28, -1.44, 6.28
CIELCh	78, 6.444, 102.928
Yxy	53.6967, 0.3234, 0.3439
Android (android.graphics.Color)	4291084982 (0xFFC4C2B6)
YUV	193.2300, -5.5364, 2.4293
Hunter-Lab	73.2780, -5.2324, 9.2630

Details

The Yxy color **53.6967, 0.3234, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1908, 0.3019, 0.3136**, and the grayscale version is **53.5012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4269, 0.3218, 0.3407**, and **26.0919, 0.3262, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **51.7251, 0.3391, 0.3654**, and if you desaturate by 10%, it is **55.8093, 0.3086, 0.3232**.

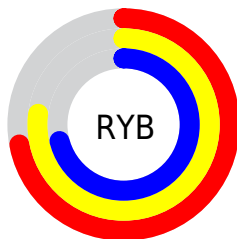
Distribution



Red (77%)

Green (76%)

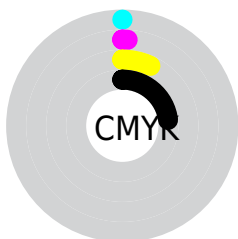
Blue (71%)



Red (72%)

Yellow (77%)

Blue (71%)

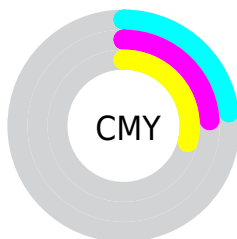


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6967, 0.3234, 0.3439 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 53.6967, 0.3234, 0.3439 by changing the saturation by 10% instead.

■ 53.6967, 0.3234,
0.3439

■ 53.6967, 0.3234,
0.3439

400.9524, 0.3182,
0.3366

■ 38.3592, 0.3247,
0.3457

■ 95.6288, 0.3215,
0.3413

■ 26.2616, 0.3263,
0.3479

122.9922, 0.3208,
0.3403

■ 17.0195, 0.3284,
0.3509

155.1330, 0.3202,
0.3394

■ 10.2484, 0.3312,
0.3550

192.4356, 0.3197,
0.3387

■ 5.5639, 0.3353,
0.3609

235.2845, 0.3193,
0.3381

■ 2.5818, 0.3418,
0.3703

284.0640, 0.3189,

■ 0.9175, 0.3616,

0.3375

0.3966

339.1585, 0.3185,
0.3370

0.0000, 0.0000,
0.0000

53.6967, 0.3234,
0.3439

53.6967, 0.3234,
0.3439

51.7251, 0.3391,
0.3654

55.8093, 0.3086,
0.3232

49.8827, 0.3555,
0.3873

58.0604, 0.2949,
0.3036

48.1666, 0.3722,
0.4089

60.4566, 0.2823,
0.2854

46.5714, 0.3886,
0.4293

62.6510, 0.2740,
0.2739

45.0911, 0.4042,
0.4475

63.9863, 0.2742,
0.2771

■ 43.7189, 0.4181,
0.4627

■ 65.3452, 0.2745,
0.2802

■ 42.4474, 0.4298,
0.4739

■ 66.7276, 0.2747,
0.2833

■ 41.2678, 0.4388,
0.4807

■ 68.1338, 0.2750,
0.2865

■ 40.1683, 0.4451,
0.4832

■ 69.5638, 0.2752,
0.2896

Harmonies

Analogous

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



53.6967, 0.3286, 0.3409



53.6967, 0.3234, 0.3439



53.6967, 0.3154, 0.3428

Triad

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



53.6967, 0.3234, 0.3439



53.6967, 0.2963, 0.3229



53.6967, 0.3185, 0.3203

Complementary

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



53.6967, 0.3234, 0.3439



48.1908, 0.3019, 0.3136

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.



53.6967, 0.3098, 0.3157



53.6967, 0.3234, 0.3439



53.6967, 0.2971, 0.3170

Square

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



53.6967, 0.3234, 0.3439



53.6967, 0.2998, 0.3306



53.6967, 0.3020, 0.3144



53.6967, 0.3257, 0.3273

Rectangle

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



53.6967, 0.3234, 0.3439



53.6967, 0.3096, 0.3399



53.6967, 0.3020, 0.3144



53.6967, 0.3157, 0.3185

Sweetspot

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



53.6990, 0.3234, 0.3439



99.2176, 0.3157, 0.3332



48.6462, 0.3230, 0.3264



21.2449, 0.3156, 0.3330



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.



53.6990, 0.3234, 0.3439



96.5604, 0.3265, 0.3481



53.9380, 0.3192, 0.3465



11.5082, 0.3268, 0.3486



25.7130, 0.4462, 0.4839



1.1789, 0.4394, 0.4893

Inverse Universe

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



48.1908, 0.3019, 0.3136



83.9659, 0.2987, 0.3091



47.9831, 0.3059, 0.3113



9.9721, 0.2983, 0.3086



3.1605, 0.1534, 0.0724



0.2122, 0.1626, 0.1054

Previews

White Background



This preview shows how the Yxy color 53.6967, 0.3234, 0.3439 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 53.6967, 0.3234, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

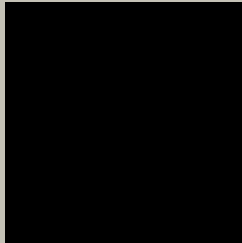
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

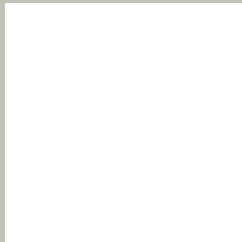
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6967, 0.3234, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 53.6967, 0.3234, 0.3439.



This preview shows how white text looks on a background with the Yxy color 53.6967, 0.3234, 0.3439.

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

53.6967, 0.3234, 0.3439

Protanopia

53.7555, 0.3276, 0.3438

Deuteranopia

53.5585, 0.3405, 0.3338



Tritanopia

53.4253, 0.3080, 0.3098

Trichromacy



Original Color

53.6967, 0.3234, 0.3439

Protanomaly

53.6182, 0.3268, 0.3438

Deuteranomaly

53.8011, 0.3340, 0.3375

Tritanomaly

53.2986, 0.3139, 0.3217

Monochromacy



Original Color

53.6967, 0.3234, 0.3439

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2834, 0.3165, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6967, 0.3234, 0.3439 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(196, 194, 182)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 182)  
}
```

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(196, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 182) }
```

Border

The CSS property to change the border of an element to Yxy 53.6967, 0.3234, 0.3439 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(196, 194, 182) }
```

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

```
.border{ border-color:rgb(196, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6967, 0.3234, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 182) }
```

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

```
.background{ background-color: rgb(196,  
194, 182) }
```

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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