

Converting Colors

Yxy(52.9340, 0.3234, 0.3453)

Have a look what the booklet for
Yxy(52.9340, 0.3234, 0.3453)
contains.

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Color

Yxy(52.9045, 0.3234, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	C2C1B4
RGB	194, 193, 180
RGB Percent	76%, 76%, 71%
CMY	0.2391, 0.2432, 0.2940
CMYK	0.00, 0.01, 0.07, 0.24
HSL	56°, 10%, 73%
HSV	56°, 7%, 76%
XYZ	49.5635, 52.9045, 50.7895
YIQ	191.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

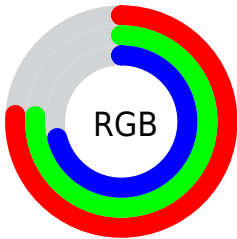
Format	Color
RYB	181, 194, 180
Decimal	12763572
CIELab	77.82, -1.94, 6.65
CIELCh	78, 6.926, 106.277
Yxy	52.9045, 0.3234, 0.3452
Android (android.graphics.Color)	4290953652 (0xFFC2C1B4)
YUV	191.8170, -5.8258, 1.9145
Hunter-Lab	72.7355, -5.6534, 9.5140

Details

The Yxy color **52.9045, 0.3234, 0.3452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6731, 0.3018, 0.3123**, and the grayscale version is **52.6366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3167, 0.3217, 0.3417**, and **25.8639, 0.3260, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **51.5388, 0.3388, 0.3683**, and if you desaturate by 10%, it is **54.3917, 0.3087, 0.3229**.

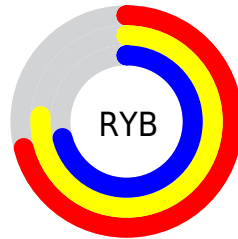
Distribution



Red (76%)

Green (76%)

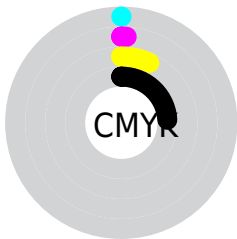
Blue (71%)



Red (71%)

Yellow (76%)

Blue (71%)

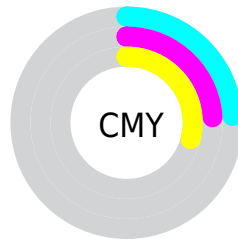


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9045, 0.3234, 0.3452 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 52.9045, 0.3234, 0.3452 by changing the saturation by 10% instead.

■ 52.9045, 0.3234,
0.3452

■ 52.9045, 0.3234,
0.3452

397.9186, 0.3182,
0.3372

■ 37.7265, 0.3247,
0.3471

■ 94.4638, 0.3215,
0.3423

■ 25.7705, 0.3263,
0.3496

121.6140, 0.3208,
0.3413

■ 16.6520, 0.3284,
0.3529

153.5237, 0.3202,
0.3403

■ 9.9867, 0.3312,
0.3574

190.5772, 0.3197,
0.3395

■ 5.3902, 0.3354,
0.3640

233.1591, 0.3192,
0.3389

■ 2.4779, 0.3419,
0.3745

281.6537, 0.3189,

■ 0.8656, 0.3660,

0.3382

0.4086

336.4454, 0.3185,
0.3377

0.0000, 0.0000,
0.0000

52.9045, 0.3234,
0.3452

52.9045, 0.3234,
0.3452

51.5388, 0.3388,
0.3683

54.3917, 0.3087,
0.3229

50.2831, 0.3545,
0.3916

55.9977, 0.2950,
0.3018

49.1348, 0.3702,
0.4145

57.7291, 0.2822,
0.2821

48.0885, 0.3853,
0.4360

59.4188, 0.2721,
0.2665

47.1386, 0.3991,
0.4551

60.0814, 0.2722,
0.2681

■ 46.2786, 0.4110,
0.4710

■ 60.7502, 0.2724,
0.2698

■ 45.5013, 0.4206,
0.4829

■ 61.4253, 0.2725,
0.2714

■ 44.7983, 0.4275,
0.4904

■ 62.1067, 0.2726,
0.2731

■ 44.1579, 0.4319,
0.4938

■ 62.7943, 0.2728,
0.2747

Harmonies

Analogous

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



52.9045, 0.3294, 0.3424



52.9045, 0.3234, 0.3452



52.9045, 0.3146, 0.3436

Triad

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



52.9045, 0.3234, 0.3452



52.9045, 0.2949, 0.3215



52.9045, 0.3200, 0.3204

Complementary

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



52.9045, 0.3234, 0.3452



46.6731, 0.3018, 0.3123

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.



52.9045, 0.3107, 0.3150



52.9045, 0.3234, 0.3452



52.9045, 0.2963, 0.3155

Square

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



52.9045, 0.3234, 0.3452



52.9045, 0.2982, 0.3297



52.9045, 0.3020, 0.3132



52.9045, 0.3274, 0.3281

Rectangle

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



52.9045, 0.3234, 0.3452



52.9045, 0.3083, 0.3401



52.9045, 0.3020, 0.3132



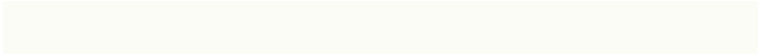
52.9045, 0.3170, 0.3183

Sweetspot

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



52.9068, 0.3234, 0.3452



97.1886, 0.3157, 0.3335



47.4681, 0.3239, 0.3276



21.2892, 0.3155, 0.3333



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.



52.9068, 0.3234, 0.3452



95.3277, 0.3263, 0.3496



52.6092, 0.3185, 0.3467



11.6266, 0.3267, 0.3501



28.9613, 0.4327, 0.4946



1.2901, 0.4294, 0.4972

Inverse Universe

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



46.6731, 0.3018, 0.3123



81.2170, 0.2987, 0.3075



46.9686, 0.3066, 0.3112



9.8650, 0.2983, 0.3070



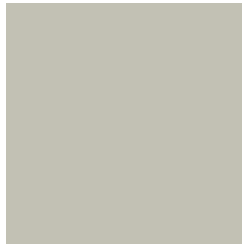
2.8210, 0.1515, 0.0654



0.1639, 0.1569, 0.0848

Previews

White Background



This preview shows how the Yxy color 52.9045, 0.3234, 0.3452 looks on a white background.

Color Contrast Check

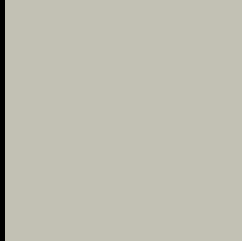
Large Text (above 18pt) WCAG AA × Fail

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 52.9045, 0.3234, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

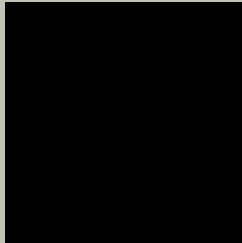
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

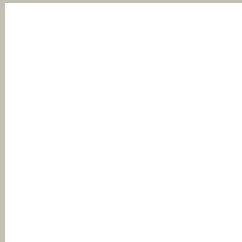
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9045, 0.3234, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 52.9045, 0.3234, 0.3452.



This preview shows how white text looks on a background with the Yxy color 52.9045, 0.3234, 0.3452.

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

52.9045, 0.3234, 0.3452

Protanopia

53.0961, 0.3285, 0.3451

Deuteranopia

52.9011, 0.3415, 0.3350



Tritanopia

52.7606, 0.3087, 0.3109

Trichromacy



Original Color

52.9045, 0.3234, 0.3452

Protanomaly

52.8243, 0.3268, 0.3452

Deuteranomaly

52.9968, 0.3341, 0.3387

Tritanomaly

52.6374, 0.3146, 0.3229

Monochromacy



Original Color

52.9045, 0.3234, 0.3452

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6676, 0.3165, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9045, 0.3234, 0.3452 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, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 180)  
}
```

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, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.9045, 0.3234, 0.3452 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, 193, 180) }
```

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

```
.border{ border-color:rgb(194, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9045, 0.3234, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 180) }
```

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

```
.background{ background-color: rgb(194,  
193, 180) }
```

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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