

Converting Colors

Yxy(51.9969, 0.3250, 0.3335)

Have a look what the booklet for
Yxy(51.9969, 0.3250, 0.3335)
contains.

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Color

Yxy(52.1773, 0.3250, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	C8BDB9
RGB	200, 189, 185
RGB Percent	78%, 74%, 73%
CMY	0.2155, 0.2589, 0.2744
CMYK	0.00, 0.06, 0.08, 0.22
HSL	16°, 12%, 76%
HSV	16°, 8%, 78%
XYZ	50.7865, 52.1773, 53.3024
YIQ	191.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

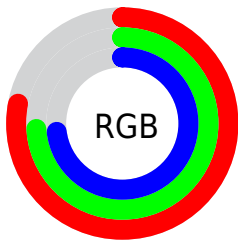
Format	Color
RYP	200, 190, 185
Decimal	13155769
CIELab	77.39, 3.20, 3.39
CIELCh	77, 4.662, 46.588
Yxy	52.1773, 0.3250, 0.3339
Android (android.graphics.Color)	4291345849 (0xFFC8BDB9)
YUV	191.8330, -3.3687, 7.1625
Hunter-Lab	72.2339, -0.9086, 6.8127

Details

The Yxy color **52.1773, 0.3250, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0098, 0.3012, 0.3240**, and the grayscale version is **52.6320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9157, 0.3216, 0.3329**, and **25.3853, 0.3282, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **45.3757, 0.3441, 0.3408**, and if you desaturate by 10%, it is **59.7458, 0.3090, 0.3274**.

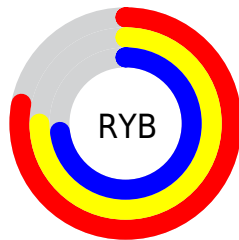
Distribution



Red (78%)

Green (74%)

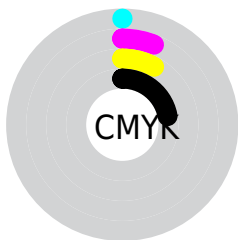
Blue (73%)



Red (78%)

Yellow (75%)

Blue (73%)

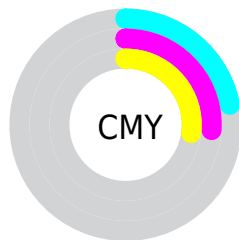


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (22%)



Cyan (22%)


Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1773, 0.3250, 0.3339 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 52.1773, 0.3250, 0.3339 by changing the saturation by 10% instead.


 52.1773, 0.3250,
0.3339

 52.1773, 0.3250,
0.3339


395.1207, 0.3190,
0.3315

 37.1464, 0.3265,
0.3345


 93.3927, 0.3228,
0.3331

 25.3209, 0.3284,
0.3352


120.3459, 0.3220,
0.3327

 16.3163, 0.3309,
0.3361


152.0421, 0.3213,
0.3325

 9.7482, 0.3343,
0.3374

188.8656, 0.3207,
0.3322

 5.2324, 0.3393,
0.3392

231.2009, 0.3202,
0.3320

 2.3842, 0.3474,
0.3421

279.4322, 0.3197,

 0.8178, 0.3677,

0.3318

0.3514

333.9440, 0.3193,
0.3317

0.0000, 0.0000,
0.0000

52.1773, 0.3250,
0.3339

52.1773, 0.3250,
0.3339

45.3757, 0.3441,
0.3408

59.7458, 0.3090,
0.3274

39.3102, 0.3669,
0.3481

68.0973, 0.2956,
0.3215

33.9577, 0.3938,
0.3553

77.2561, 0.2844,
0.3161

29.2915, 0.4251,
0.3622

86.5796, 0.2800,
0.3214

25.2830, 0.4604,
0.3679

91.0273, 0.2806,
0.3289

■ 21.9016, 0.4985,
0.3713

■ 19.1141, 0.5369,
0.3715

■ 16.8840, 0.5718,
0.3674

■ 15.1684, 0.5994,
0.3594

Harmonies

Analogous

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



52.1773, 0.3227, 0.3285



52.1773, 0.3250, 0.3339



52.1773, 0.3240, 0.3381

Triad

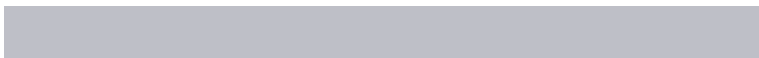
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.1773, 0.3250, 0.3339



52.1773, 0.3077, 0.3349



52.1773, 0.3055, 0.3183

Complementary

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



52.1773, 0.3250, 0.3339



54.0098, 0.3012, 0.3240

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.



52.1773, 0.3016, 0.3199



52.1773, 0.3250, 0.3339



52.1773, 0.3028, 0.3295

Square

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



52.1773, 0.3250, 0.3339



52.1773, 0.3139, 0.3388



52.1773, 0.3006, 0.3239



52.1773, 0.3114, 0.3195

Rectangle

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



52.1773, 0.3250, 0.3339



52.1773, 0.3215, 0.3396



52.1773, 0.3006, 0.3239



52.1773, 0.3039, 0.3185

Sweetspot

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



52.1796, 0.3250, 0.3339



97.3036, 0.3159, 0.3303



50.9917, 0.3165, 0.3153



20.8553, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



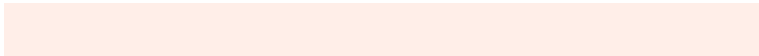
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1796, 0.3250, 0.3339



88.2988, 0.3279, 0.3350



55.4050, 0.3242, 0.3428



11.0844, 0.3283, 0.3352



9.5392, 0.6031, 0.3593



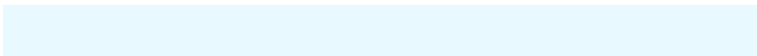
0.5741, 0.5608, 0.3929

Inverse Universe

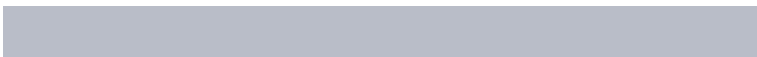
The Inverse Universe completely reimagines the original color for something new.



54.0098, 0.3012, 0.3240



92.1021, 0.2988, 0.3229



50.7889, 0.3013, 0.3149



11.5758, 0.2984, 0.3228



16.1202, 0.2005, 0.2419



0.8769, 0.2062, 0.2622

Previews

White Background



This preview shows how the Yxy color 52.1773, 0.3250, 0.3339 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 52.1773, 0.3250, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

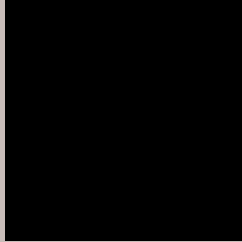
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

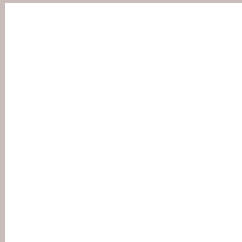
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1773, 0.3250, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 52.1773, 0.3250, 0.3339.



This preview shows how white text looks on a background with the Yxy color 52.1773, 0.3250, 0.3339.

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

52.1773, 0.3250, 0.3339

Protanopia

52.1078, 0.3207, 0.3340

Deuteranopia

52.2401, 0.3349, 0.3279



Tritanopia

52.3143, 0.3143, 0.3122

Trichromacy



Original Color

52.1773, 0.3250, 0.3339

Protanomaly

52.2424, 0.3216, 0.3340

Deuteranomaly

52.0729, 0.3313, 0.3291

Tritanomaly

52.3241, 0.3181, 0.3205

Monochromacy



Original Color

52.1773, 0.3250, 0.3339

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5378, 0.3175, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1773, 0.3250, 0.3339 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(200, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(200, 189, 185)  
}
```

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(200, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 189, 185) }
```

Border

The CSS property to change the border of an element to Yxy 52.1773, 0.3250, 0.3339 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(200, 189, 185) }
```

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

```
.border{ border-color:rgb(200, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(200, 189,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1773, 0.3250, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 189, 185) }
```

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

```
.background{ background-color: rgb(200,  
189, 185) }
```

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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