

Converting Colors

Yxy(52.9684, 0.3332, 0.3486)

Have a look what the booklet for
Yxy(52.9684, 0.3332, 0.3486)
contains.

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Color

Yxy(52.7743, 0.3335, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	C9BFAF
RGB	201, 191, 175
RGB Percent	79%, 75%, 69%
CMY	0.2117, 0.2510, 0.3138
CMYK	0.00, 0.05, 0.13, 0.21
HSL	37°, 19%, 74%
HSV	37°, 13%, 79%
XYZ	50.4594, 52.7743, 48.0688
YIQ	192.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

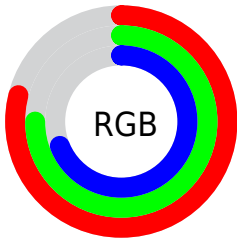
Format	Color
RYB	191, 201, 175
Decimal	13221807
CIELab	77.74, 0.80, 9.34
CIELCh	78, 9.370, 85.095
Yxy	52.7743, 0.3335, 0.3488
Android (android.graphics.Color)	4291411887 (0xFFC9BFAF)
YUV	192.1660, -8.4628, 7.7474
Hunter-Lab	72.6459, -3.1455, 11.6208

Details

The Yxy color **52.7743, 0.3335, 0.3488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0276, 0.2926, 0.3084**, and the grayscale version is **52.8620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5511, 0.3276, 0.3446**, and **25.8101, 0.3387, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **48.7583, 0.3516, 0.3649**, and if you desaturate by 10%, it is **57.0909, 0.3172, 0.3334**.

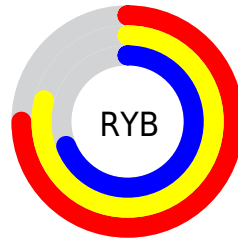
Distribution



Red (79%)

Green (75%)

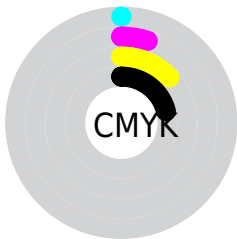
Blue (69%)



Red (75%)

Yellow (79%)

Blue (69%)

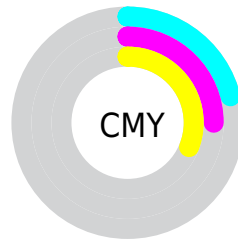


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7743, 0.3335, 0.3488 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 52.7743, 0.3335, 0.3488 by changing the saturation by 10% instead.


 52.7743, 0.3335,
0.3488

 52.7743, 0.3335,
0.3488


397.4186, 0.3233,
0.3391

 37.6226, 0.3360,
0.3511


 94.2722, 0.3298,
0.3453

 25.6899, 0.3391,
0.3541


121.3872, 0.3285,
0.3440

 16.5918, 0.3433,
0.3580


153.2587, 0.3273,
0.3429

 9.9439, 0.3490,
0.3634

190.2712, 0.3263,
0.3419

 5.3618, 0.3572,
0.3710

232.8090, 0.3254,
0.3411

 2.4611, 0.3701,
0.3831

281.2566, 0.3246,

 0.8570, 0.4231,

0.3404

0.4347

335.9983, 0.3239,
0.3397

0.0000, 0.0000,
0.0000

52.7743, 0.3335,
0.3488

52.7743, 0.3335,
0.3488

48.7583, 0.3516,
0.3649

57.0909, 0.3172,
0.3334

45.0279, 0.3715,
0.3812

61.7087, 0.3027,
0.3189

41.5773, 0.3929,
0.3972

66.6370, 0.2898,
0.3054

38.3974, 0.4154,
0.4119

71.8583, 0.2786,
0.2933

35.4787, 0.4382,
0.4245

76.0625, 0.2792,
0.3018

■ 32.8108, 0.4603,
0.4336

■ 80.4579, 0.2798,
0.3103

■ 30.3820, 0.4804,
0.4382

■ 85.0468, 0.2804,
0.3186

■ 28.1788, 0.4976,
0.4376

■ 89.8315, 0.2809,
0.3267

■ 26.7487, 0.5081,
0.4348

■ 91.1616, 0.2811,
0.3289

Harmonies

Analogous

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



52.7743, 0.3375, 0.3413



52.7743, 0.3335, 0.3488



52.7743, 0.3239, 0.3510

Triad

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



52.7743, 0.3335, 0.3488



52.7743, 0.2912, 0.3265



52.7743, 0.3136, 0.3119

Complementary

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



52.7743, 0.3335, 0.3488



48.0276, 0.2926, 0.3084

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.



52.7743, 0.3013, 0.3079



52.7743, 0.3335, 0.3488



52.7743, 0.2885, 0.3160

Square

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



52.7743, 0.3335, 0.3488



52.7743, 0.2995, 0.3380



52.7743, 0.2922, 0.3093



52.7743, 0.3259, 0.3202

Rectangle

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



52.7743, 0.3335, 0.3488



52.7743, 0.3157, 0.3490



52.7743, 0.2922, 0.3093



52.7743, 0.3094, 0.3100

Sweetspot

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



52.7766, 0.3335, 0.3488



96.8808, 0.3189, 0.3350



46.5897, 0.3272, 0.3161



20.6130, 0.3201, 0.3362



0.0000, 0.0000, 0.0000



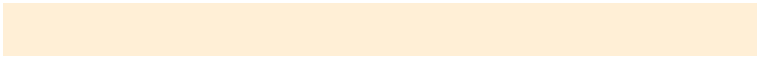
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7766, 0.3335, 0.3488



88.0311, 0.3392, 0.3540



56.9443, 0.3298, 0.3609



11.7048, 0.3274, 0.3432



16.9951, 0.5065, 0.4361



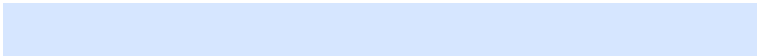
0.9419, 0.4837, 0.4541

Inverse Universe

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



48.0276, 0.2926, 0.3084



78.0870, 0.2873, 0.3027



44.2821, 0.2944, 0.2954



10.9457, 0.2983, 0.3144



6.1866, 0.1677, 0.1235



0.4327, 0.1795, 0.1662

Previews

White Background



This preview shows how the Yxy color 52.7743, 0.3335, 0.3488 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 52.7743, 0.3335, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

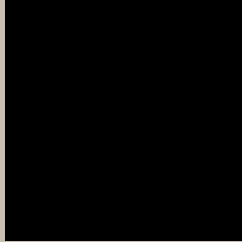
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

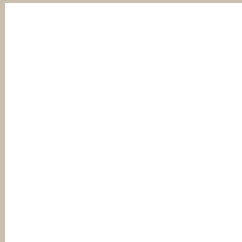
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7743, 0.3335, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 52.7743, 0.3335, 0.3488.



This preview shows how white text looks on a background with the Yxy color 52.7743, 0.3335, 0.3488.

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

52.7743, 0.3335, 0.3488

Protanopia

52.6361, 0.3326, 0.3488

Deuteranopia

52.5842, 0.3476, 0.3397



Tritanopia

52.7841, 0.3160, 0.3112

Trichromacy



Original Color

52.7743, 0.3335, 0.3488

Protanomaly

52.6361, 0.3326, 0.3488

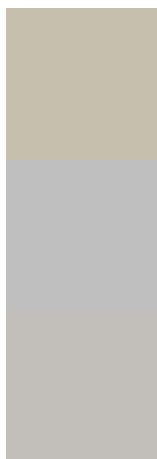
Deuteranomaly

52.5241, 0.3420, 0.3423

Tritanomaly

52.6096, 0.3229, 0.3242

Monochromacy



Original Color

52.7743, 0.3335, 0.3488

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8465, 0.3197, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7743, 0.3335, 0.3488 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(201, 191, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 175)  
}
```

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(201, 191, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.7743, 0.3335, 0.3488 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(201, 191, 175) }
```

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

```
.border{ border-color:rgb(201, 191, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7743, 0.3335, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 175) }
```

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

```
.background{ background-color: rgb(201,  
191, 175) }
```

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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