

Converting Colors

$Yxy(50.2276, 0.3330, 0.3492)$

Have a look what the booklet for
Yxy(50.2276, 0.3330, 0.3492)
contains.

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Color

Yxy(50.2167, 0.3330, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	C4BBAB
RGB	196, 187, 171
RGB Percent	77%, 73%, 67%
CMY	0.2314, 0.2667, 0.3294
CMYK	0.00, 0.05, 0.13, 0.23
HSL	38°, 17%, 72%
HSV	38°, 13%, 77%
XYZ	47.8871, 50.2167, 45.7012
YIQ	187.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

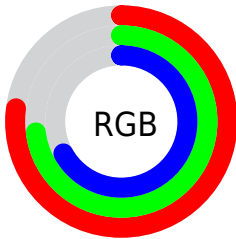
Format	Color
RYB	185, 196, 171
Decimal	12893099
CIELab	76.20, 0.44, 9.22
CIElCh	76, 9.234, 87.288
Yxy	50.2167, 0.3330, 0.3492
Android (android.graphics.Color)	4291083179 (0xFFC4BBAB)
YUV	187.8670, -8.3154, 7.1326
Hunter-Lab	70.8637, -3.3879, 11.3675

Details

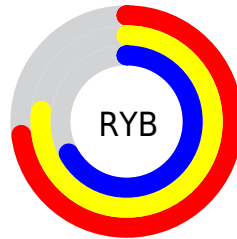
The Yxy color $50.2167, 0.3330, 0.3492$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.2911, 0.2929, 0.3080$, and the grayscale version is $50.2552, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.4748, 0.3298, 0.3458$, and $24.1329, 0.3382, 0.3547$ is the 20% darker color. If you saturate the color by 10%, you get $46.6044, 0.3508, 0.3658$, and if you desaturate by 10%, it is $54.0914, 0.3169, 0.3332$.

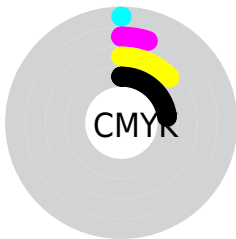
Distribution



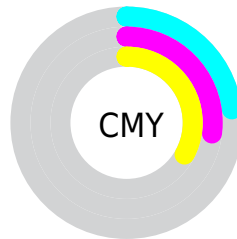
- Red (77%)
- Green (73%)
- Blue (67%)



- Red (73%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (23%)





- Cyan (23%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2167, 0.3330, 0.3492 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 50.2167, 0.3330, 0.3492 by changing the saturation by 10% instead.


 50.2167, 0.3330,
0.3492

 50.2167, 0.3330,
0.3492


387.5128, 0.3230,
0.3392

 35.5856, 0.3355,
0.3516


 90.4959, 0.3294,
0.3456

 24.1143, 0.3386,
0.3548


116.9127, 0.3280,
0.3443

 15.4185, 0.3428,
0.3589


148.0270, 0.3269,
0.3431

 9.1136, 0.3485,
0.3645

184.2230, 0.3259,
0.3421

 4.8153, 0.3569,
0.3728

225.8852, 0.3250,
0.3413

 2.1393, 0.3703,
0.3860

273.3980, 0.3242,

 0.6866, 0.4566,

0.3405

0.4727

327.1457, 0.3236,
0.3398

0.0000, 0.0000,
0.0000

50.2167, 0.3330,
0.3492

50.2167, 0.3330,
0.3492

46.6044, 0.3508,
0.3658

54.0914, 0.3169,
0.3332

43.2410, 0.3703,
0.3827

58.2286, 0.3024,
0.3182

40.1214, 0.3912,
0.3993

62.6367, 0.2895,
0.3042

37.2376, 0.4129,
0.4146

67.3218, 0.2781,
0.2912

34.5812, 0.4347,
0.4277

71.3542, 0.2755,
0.2934

■ 32.1430, 0.4557,
0.4374

■ 75.1888, 0.2762,
0.3012

■ 29.9126, 0.4748,
0.4426

■ 79.1823, 0.2768,
0.3090

■ 27.8780, 0.4909,
0.4428

■ 83.3365, 0.2774,
0.3166

■ 26.5113, 0.5009,
0.4404

■ 87.6532, 0.2780,
0.3242

Harmonies

Analogous

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



50.2167, 0.3375, 0.3420



50.2167, 0.3330, 0.3492



50.2167, 0.3230, 0.3510

Triad

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



50.2167, 0.3330, 0.3492



50.2167, 0.2907, 0.3256



50.2167, 0.3146, 0.3123

Complementary

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



50.2167, 0.3330, 0.3492



45.2911, 0.2929, 0.3080

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.



50.2167, 0.3021, 0.3079



50.2167, 0.3330, 0.3492



50.2167, 0.2885, 0.3153

Square

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



50.2167, 0.3330, 0.3492



50.2167, 0.2987, 0.3372



50.2167, 0.2927, 0.3089



50.2167, 0.3268, 0.3209

Rectangle

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



50.2167, 0.3330, 0.3492



50.2167, 0.3147, 0.3487



50.2167, 0.2927, 0.3089



50.2167, 0.3103, 0.3103

Sweetspot

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



50.2189, 0.3330, 0.3492



97.0393, 0.3189, 0.3353



44.1682, 0.3276, 0.3174



20.6531, 0.3201, 0.3365



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.



50.2189, 0.3330, 0.3492



89.3017, 0.3373, 0.3533



53.7161, 0.3288, 0.3604



11.1285, 0.3273, 0.3437



17.2019, 0.4995, 0.4416



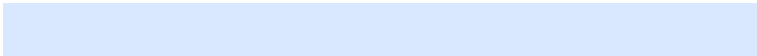
0.8700, 0.4773, 0.4593

Inverse Universe

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



45.2911, 0.2929, 0.3080



78.8188, 0.2889, 0.3035



42.1533, 0.2955, 0.2961



10.3284, 0.2984, 0.3139



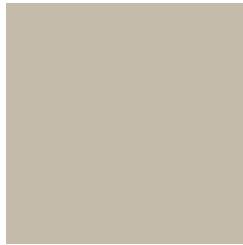
5.5717, 0.1658, 0.1168



0.3721, 0.1787, 0.1632

Previews

White Background



This preview shows how the Yxy color 50.2167, 0.3330, 0.3492 looks on a white background.

Color Contrast Check

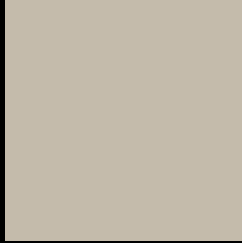
Large Text (above 18pt) WCAG AA × Fail

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 50.2167, 0.3330, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

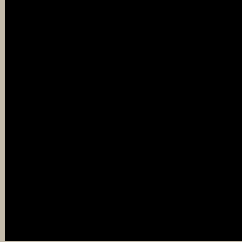
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

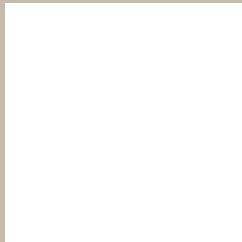
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2167, 0.3330, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 50.2167, 0.3330, 0.3492.

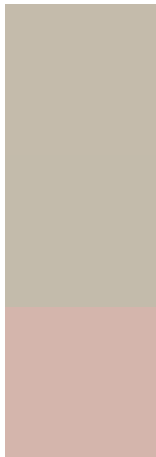


This preview shows how white text looks on a background with the Yxy color 50.2167, 0.3330, 0.3492.

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

50.2167, 0.3330, 0.3492

Protanopia

50.0830, 0.3321, 0.3493

Deuteranopia

50.0234, 0.3474, 0.3400



Tritanopia

50.1776, 0.3160, 0.3120

Trichromacy



Original Color

50.2167, 0.3330, 0.3492

Protanomaly

50.0830, 0.3321, 0.3493

Deuteranomaly

49.9673, 0.3417, 0.3426

Tritanomaly

50.0539, 0.3223, 0.3241

Monochromacy



Original Color

50.2167, 0.3330, 0.3492

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4202, 0.3199, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2167, 0.3330, 0.3492 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, 187, 171)` looks like.

```
.text, #text, p{  
    color:rgb(196, 187, 171)  
}
```

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, 187, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 187, 171) }
```

Border

The CSS property to change the border of an element to Yxy 50.2167, 0.3330, 0.3492 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, 187, 171) }
```

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

```
.border{ border-color:rgb(196, 187, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 187, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 187, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 187, 171);  
box-shadow:4px 4px 4px 4px rgb(196, 187,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2167, 0.3330, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 187, 171) }
```

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

```
.background{ background-color: rgb(196,  
187, 171) }
```

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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