

Converting Colors

$Yxy(50.8817, 0.3294, 0.3492)$

Have a look what the booklet for
Yxy(50.8817, 0.3294, 0.3492)
contains.

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Color

Yxy(50.8817, 0.3294, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	C2BDAD
RGB	194, 189, 173
RGB Percent	76%, 74%, 68%
CMY	0.2391, 0.2589, 0.3215
CMYK	0.00, 0.03, 0.11, 0.24
HSL	46°, 15%, 72%
HSV	46°, 11%, 76%
XYZ	47.9967, 50.8817, 46.8310
YIQ	188.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

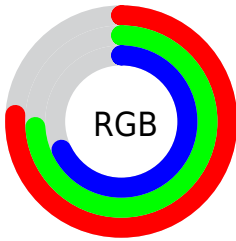
Format	Color
RYB	180, 194, 173
Decimal	12762541
CIELab	76.61, -1.01, 8.70
CIELCh	77, 8.757, 96.600
Yxy	50.8817, 0.3294, 0.3492
Android (android.graphics.Color)	4290952621 (0xFFC2BDAD)
YUV	188.6710, -7.7258, 4.6735
Hunter-Lab	71.3314, -4.7229, 11.0065

Details

The Yxy color $50.8817, 0.3294, 0.3492$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.6459, 0.2960, 0.3080$, and the grayscale version is $50.7369, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.4155, 0.3270, 0.3458$, and $24.5642, 0.3332, 0.3547$ is the 20% darker color. If you saturate the color by 10%, you get $48.2148, 0.3461, 0.3686$, and if you desaturate by 10%, it is $53.7265, 0.3140, 0.3305$.

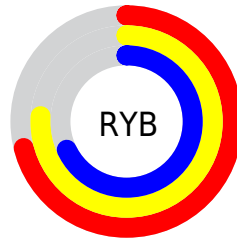
Distribution



Red (76%)

Green (74%)

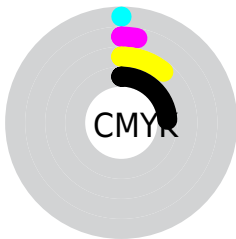
Blue (68%)



Red (71%)

Yellow (76%)

Blue (68%)

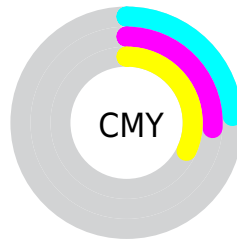


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8817, 0.3294, 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 50.8817, 0.3294, 0.3492 by changing the saturation by 10% instead.


 50.8817, 0.3294,
0.3492

 50.8817, 0.3294,
0.3492


390.1040, 0.3212,
0.3392

 36.1145, 0.3314,
0.3517

 91.4799, 0.3264,
0.3456

 24.5226, 0.3340,
0.3548


118.0796, 0.3253,
0.3442

 15.7217, 0.3373,
0.3589


149.3923, 0.3244,
0.3431

 9.3275, 0.3420,
0.3646

185.8024, 0.3236,
0.3421

 4.9554, 0.3487,
0.3730

227.6942, 0.3229,
0.3412

 2.2211, 0.3595,
0.3864

275.4521, 0.3222,

 0.7315, 0.4217,

0.3405

0.4599

329.4606, 0.3217,
0.3398

0.0000, 0.0000,
0.0000

50.8817, 0.3294,
0.3492

50.8817, 0.3294,
0.3492

48.2148, 0.3461,
0.3686

53.7265, 0.3140,
0.3305

45.7139, 0.3638,
0.3883

56.7475, 0.2998,
0.3129

43.3755, 0.3821,
0.4075

59.9517, 0.2870,
0.2964

41.1936, 0.4006,
0.4255

63.3435, 0.2755,
0.2811

39.1617, 0.4186,
0.4413

65.9212, 0.2734,
0.2819

■ 37.2724, 0.4351,
0.4538

■ 68.2875, 0.2738,
0.2872

■ 35.5176, 0.4495,
0.4621

■ 70.7216, 0.2743,
0.2925

■ 33.8875, 0.4610,
0.4657

■ 73.2240, 0.2747,
0.2977

■ 32.4873, 0.4694,
0.4655

■ 75.7952, 0.2751,
0.3029

Harmonies

Analogous

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



50.8817, 0.3355, 0.3439



50.8817, 0.3294, 0.3492



50.8817, 0.3189, 0.3491

Triad

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



50.8817, 0.3294, 0.3492



50.8817, 0.2907, 0.3225



50.8817, 0.3183, 0.3154

Complementary

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



50.8817, 0.3294, 0.3492



44.6459, 0.2960, 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.



50.8817, 0.3062, 0.3099



50.8817, 0.3294, 0.3492



50.8817, 0.2905, 0.3137

Square

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



50.8817, 0.3294, 0.3492



50.8817, 0.2966, 0.3334



50.8817, 0.2961, 0.3092



50.8817, 0.3290, 0.3244

Rectangle

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



50.8817, 0.3294, 0.3492



50.8817, 0.3109, 0.3457



50.8817, 0.2961, 0.3092



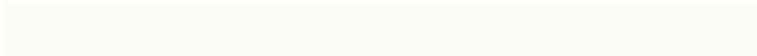
50.8817, 0.3142, 0.3131

Sweetspot

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



50.8839, 0.3294, 0.3492



96.1294, 0.3173, 0.3346



44.5907, 0.3272, 0.3223



20.9580, 0.3185, 0.3361



0.0000, 0.0000, 0.0000



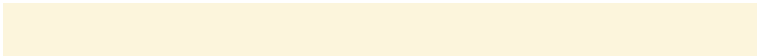
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8839, 0.3294, 0.3492



90.9740, 0.3332, 0.3537



52.4098, 0.3243, 0.3557



11.3354, 0.3270, 0.3464



21.4821, 0.4686, 0.4661



1.0294, 0.4555, 0.4766

Inverse Universe

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



44.6459, 0.2960, 0.3080



77.4319, 0.2921, 0.3030



43.2845, 0.3003, 0.3016



10.1318, 0.2983, 0.3110



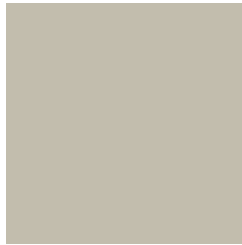
3.9831, 0.1579, 0.0884



0.2834, 0.1703, 0.1329

Previews

White Background



This preview shows how the Yxy color 50.8817, 0.3294, 0.3492 looks on a white background.

Color Contrast Check

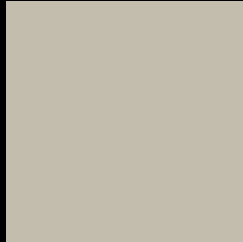
Large Text (above 18pt) WCAG AA × Fail

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 50.8817, 0.3294, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

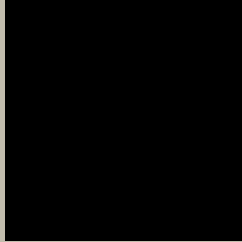
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

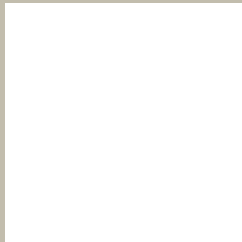
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8817, 0.3294, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 50.8817, 0.3294, 0.3492.



This preview shows how white text looks on a background with the Yxy color 50.8817, 0.3294, 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

50.8817, 0.3294, 0.3492

Protanopia

50.7193, 0.3312, 0.3479

Deuteranopia

50.6580, 0.3464, 0.3387



Tritanopia

50.8738, 0.3119, 0.3108

Trichromacy



Original Color

50.8817, 0.3294, 0.3492

Protanomaly

50.5857, 0.3304, 0.3479

Deuteranomaly

50.8757, 0.3396, 0.3425

Tritanomaly

50.7058, 0.3188, 0.3241

Monochromacy



Original Color

50.8817, 0.3294, 0.3492

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8905, 0.3190, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8817, 0.3294, 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(194, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(194, 189, 173)  
}
```

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, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 189, 173) }
```

Border

The CSS property to change the border of an element to Yxy 50.8817, 0.3294, 0.3492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

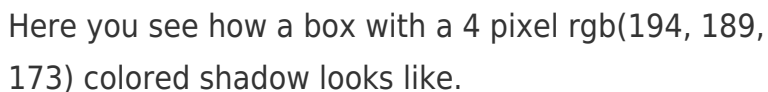
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 189, 173) }
```

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

```
.border{ border-color:rgb(194, 189, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 189, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 189, 173); box-shadow:4px 4px 4px 4px rgb(194, 189, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8817, 0.3294, 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(194, 189, 173) }
```

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

```
.background{ background-color: rgb(194,  
189, 173) }
```

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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