

Converting Colors

$Yxy(45.6028, 0.3492, 0.3603)$

Have a look what the booklet for
Yxy(45.6028, 0.3492, 0.3603)
contains.

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Color

Yxy(45.7428, 0.3491, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	C3B299
RGB	195, 178, 153
RGB Percent	76%, 70%, 60%
CMY	0.2351, 0.3020, 0.3999
CMYK	0.00, 0.09, 0.22, 0.24
HSL	36°, 26%, 68%
HSV	36°, 22%, 76%
XYZ	44.1860, 45.7428, 36.6423
YIQ	180.2330, 18.1570, -4.1710

Conversions

Conversions Part 2

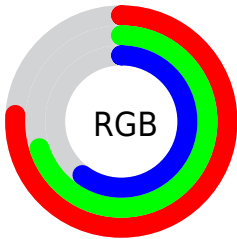
Format	Color
RYB	182, 195, 153
Decimal	12825241
CIELab	73.38, 2.08, 14.99
CIElCh	73, 15.130, 82.090
Yxy	45.7428, 0.3491, 0.3614
Android (android.graphics.Color)	4291015321 (0xFFC3B299)
YUV	180.2330, -13.4259, 12.9507
Hunter-Lab	67.6334, -1.7416, 15.2213

Details

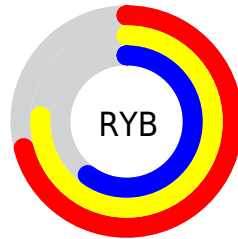
The Yxy color $45.7428, 0.3491, 0.3614$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.4934, 0.2786, 0.2943$, and the grayscale version is $45.8440, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.0461, 0.3427, 0.3563$, and $21.2893, 0.3597, 0.3696$ is the 20% darker color. If you saturate the color by 10%, you get $42.0923, 0.3690, 0.3772$, and if you desaturate by 10%, it is $49.6847, 0.3311, 0.3460$.

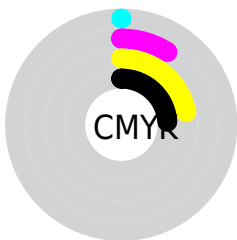
Distribution



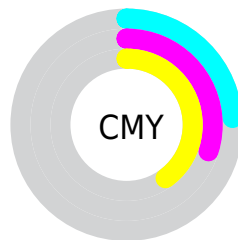
- Red (76%)
- Green (70%)
- Blue (60%)



- Red (71%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (24%)




- Cyan (24%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7428, 0.3491, 0.3614 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 45.7428, 0.3491, 0.3614 by changing the saturation by 10% instead.


 45.7428, 0.3491,
0.3614


 45.7428, 0.3491,
0.3614


369.7737, 0.3308,
0.3453

 32.0429, 0.3537,
0.3654


 83.8339, 0.3424,
0.3556

 21.3943, 0.3595,
0.3705


 108.9940, 0.3400,
0.3534

 13.4125, 0.3673,
0.3772


138.7429, 0.3378,
0.3515

 7.7132, 0.3782,
0.3864

173.4650, 0.3360,
0.3499

 3.9120, 0.3942,
0.3998

213.5447, 0.3345,
0.3485

 1.6245, 0.4255,
0.4263

259.3665, 0.3331,

 0.3740, 0.5207,

0.3473

0.4793

311.3147, 0.3319,
0.3462

0.0000, 0.0000,
0.0000

45.7428, 0.3491,
0.3614

45.7428, 0.3491,
0.3614

42.0923, 0.3690,
0.3772

49.6847, 0.3311,
0.3460

38.7187, 0.3906,
0.3927

53.9194, 0.3150,
0.3312

35.6155, 0.4135,
0.4073

58.4564, 0.3008,
0.3174

32.7734, 0.4370,
0.4198

63.3027, 0.2882,
0.3045

30.1824, 0.4601,
0.4291

68.4651, 0.2770,
0.2926

■ 27.8312, 0.4816,
0.4340

■ 72.9431, 0.2752,
0.2969

■ 25.7072, 0.5002,
0.4338

■ 77.3356, 0.2760,
0.3057

■ 24.0724, 0.5138,
0.4302

■ 81.9294, 0.2767,
0.3143

■ 86.7270, 0.2774,
0.3228

Harmonies

Analogous

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



45.7428, 0.3550, 0.3477



45.7428, 0.3491, 0.3614



45.7428, 0.3333, 0.3667

Triad

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



45.7428, 0.3491, 0.3614



45.7428, 0.2775, 0.3263



45.7428, 0.3119, 0.2994

Complementary

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



45.7428, 0.3491, 0.3614



39.4934, 0.2786, 0.2943

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.



45.7428, 0.2915, 0.2935



45.7428, 0.3491, 0.3614



45.7428, 0.2722, 0.3081

Square

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



45.7428, 0.3491, 0.3614



45.7428, 0.2921, 0.3461



45.7428, 0.2772, 0.2964



45.7428, 0.3331, 0.3126

Rectangle

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



45.7428, 0.3491, 0.3614



45.7428, 0.3196, 0.3643



45.7428, 0.2772, 0.2964



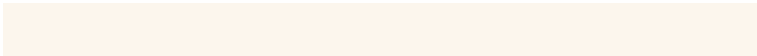
45.7428, 0.3047, 0.2965

Sweetspot

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



45.7449, 0.3491, 0.3614



93.0072, 0.3221, 0.3378



37.3177, 0.3382, 0.3062



20.2569, 0.3232, 0.3388



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.



45.7449, 0.3491, 0.3614



78.6484, 0.3585, 0.3690



52.5000, 0.3418, 0.3826



11.0504, 0.3274, 0.3427



15.8056, 0.5122, 0.4315



0.8154, 0.4862, 0.4522

Inverse Universe

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



39.4934, 0.2786, 0.2943



65.4152, 0.2704, 0.2854



33.8486, 0.2799, 0.2702



10.4042, 0.2984, 0.3150



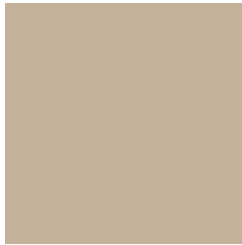
6.3650, 0.1694, 0.1299



0.4103, 0.1820, 0.1751

Previews

White Background



This preview shows how the Yxy color 45.7428, 0.3491, 0.3614 looks on a white background.

Color Contrast Check

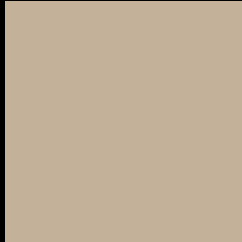
Large Text (above 18pt) WCAG AA × Fail

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 45.7428, 0.3491, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

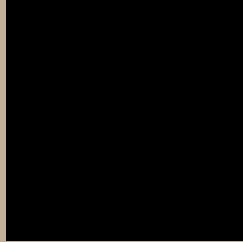
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

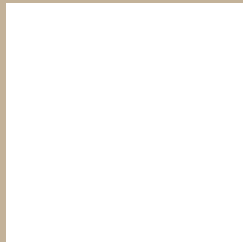
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7428, 0.3491, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 45.7428, 0.3491, 0.3614.



This preview shows how white text looks on a background with the Yxy color 45.7428, 0.3491, 0.3614.

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

45.7428, 0.3491, 0.3614

Protanopia

45.9228, 0.3431, 0.3631

Deuteranopia

45.4856, 0.3608, 0.3529



Tritanopia

45.6171, 0.3242, 0.3116

Trichromacy



Original Color

45.7428, 0.3491, 0.3614

Protanomaly

45.7798, 0.3452, 0.3617

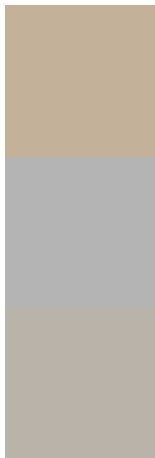
Deuteranomaly

45.6895, 0.3565, 0.3557

Tritanomaly

45.7609, 0.3333, 0.3291

Monochromacy



Original Color

45.7428, 0.3491, 0.3614

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4568, 0.3253, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7428, 0.3491, 0.3614 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(195, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(195, 178, 153)  
}
```

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(195, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 153) }
```

Border

The CSS property to change the border of an element to Yxy 45.7428, 0.3491, 0.3614 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(195, 178, 153) }
```

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

```
.border{ border-color:rgb(195, 178, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 178, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(195, 178,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7428, 0.3491, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 178, 153) }
```

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

```
.background{ background-color: rgb(195,  
178, 153) }
```

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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