

Converting Colors

$Yxy(47.9517, 0.3496, 0.3457)$

Have a look what the booklet for
Yxy(47.9517, 0.3496, 0.3457)
contains.

Yxy(47.8228, 0.3497, 0.3452)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.8228, 0.3497, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	CFB2A5
RGB	207, 178, 165
RGB Percent	81%, 70%, 65%
CMY	0.1882, 0.3020, 0.3530
CMYK	0.00, 0.14, 0.20, 0.19
HSL	19°, 30%, 73%
HSV	19°, 20%, 81%
XYZ	48.4462, 47.8228, 42.2675
YIQ	185.1890, 21.4570, 2.1050

Conversions

Conversions Part 2

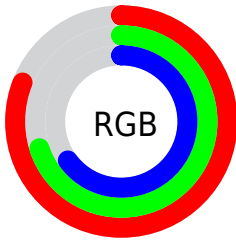
Format	Color
R _Y B	207, 184, 165
Decimal	13611685
CIE Lab	74.71, 8.40, 10.51
CIE LCh	75, 13.449, 51.361
Yxy	47.8228, 0.3497, 0.3452
Android (android.graphics.Color)	4291801765 (0xFFCFB2A5)
YUV	185.1890, -9.9532, 19.1282
Hunter-Lab	69.1540, 4.0295, 12.1693

Details

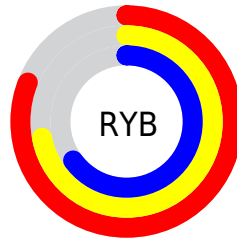
The Yxy color $47.8228, 0.3497, 0.3452$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $51.0880, 0.2815, 0.3122$, and the grayscale version is $48.6754, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.2729, 0.3362, 0.3430$, and $22.5349, 0.3604, 0.3491$ is the 20% darker color. If you saturate the color by 10%, you get $41.7371, 0.3731, 0.3537$, and if you desaturate by 10%, it is $54.6274, 0.3299, 0.3370$.

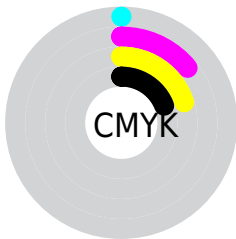
Distribution



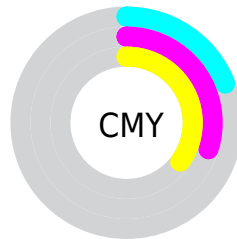
- Red (81%)
- Green (70%)
- Blue (65%)



- Red (81%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (19%)





- Cyan (19%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8228, 0.3497, 0.3452 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 47.8228, 0.3497, 0.3452 by changing the saturation by 10% instead.


 47.8228, 0.3497,
0.3452


 47.8228, 0.3497,
0.3452

378.0893, 0.3312,
0.3374

 33.6866, 0.3543,
0.3471


 86.9405, 0.3430,
0.3424

 22.6529, 0.3603,
0.3494


 112.6908, 0.3404,
0.3414

 14.3374, 0.3682,
0.3524


143.0812, 0.3383,
0.3405

 8.3557, 0.3793,
0.3564

178.4962, 0.3365,
0.3397

 4.3234, 0.3958,
0.3619

219.3201, 0.3349,
0.3390

 1.8561, 0.4227,
0.3698

265.9373, 0.3335,

 0.5218, 0.5733,

0.3384

0.4267

318.7323, 0.3323,
0.3379

0.0000, 0.0000,
0.0000

47.8228, 0.3497,
0.3452

47.8228, 0.3497,
0.3452

41.7371, 0.3731,
0.3537

54.6274, 0.3299,
0.3370

36.3398, 0.4003,
0.3622

62.1671, 0.3132,
0.3292

31.6079, 0.4315,
0.3700

70.4658, 0.2991,
0.3221

27.5144, 0.4661,
0.3762

79.5442, 0.2872,
0.3155

24.0303, 0.5026,
0.3798

88.5225, 0.2840,
0.3232

■ 21.1244, 0.5385,
0.3794

■ 92.0077, 0.2844,
0.3289

■ 18.7617, 0.5703,
0.3743

■ 16.9461, 0.5951,
0.3657

Harmonies

Analogous

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



47.8228, 0.3443, 0.3295



47.8228, 0.3497, 0.3452



47.8228, 0.3448, 0.3572

Triad

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



47.8228, 0.3497, 0.3452



47.8228, 0.2950, 0.3444



47.8228, 0.2938, 0.2977

Complementary

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



47.8228, 0.3497, 0.3452



51.0880, 0.2815, 0.3122

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.



47.8228, 0.2813, 0.3006



47.8228, 0.3497, 0.3452



47.8228, 0.2820, 0.3272

Square

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



47.8228, 0.3497, 0.3452



47.8228, 0.3130, 0.3573



47.8228, 0.2771, 0.3112



47.8228, 0.3116, 0.3028

Rectangle

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



47.8228, 0.3497, 0.3452



47.8228, 0.3365, 0.3614



47.8228, 0.2771, 0.3112



47.8228, 0.2888, 0.2978

Sweetspot

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



47.8250, 0.3497, 0.3452



92.4985, 0.3225, 0.3336



44.0865, 0.3259, 0.2934



19.6294, 0.3236, 0.3341



0.0000, 0.0000, 0.0000



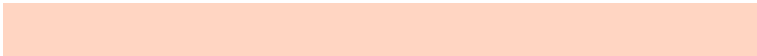
21.4041, 0.3127, 0.3290

Same Dimension

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



47.8250, 0.3497, 0.3452



72.6091, 0.3586, 0.3486



56.6516, 0.3449, 0.3697



12.3969, 0.3283, 0.3363



10.8239, 0.5926, 0.3677



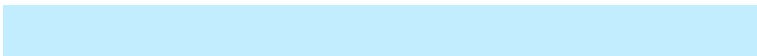
0.7459, 0.5561, 0.3966

Inverse Universe

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



51.0880, 0.2815, 0.3122



78.6823, 0.2755, 0.3085



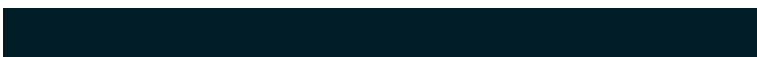
42.5415, 0.2798, 0.2848



12.7636, 0.2983, 0.3216



15.3721, 0.1960, 0.2254



0.9971, 0.2019, 0.2467

Previews

White Background



This preview shows how the Yxy color 47.8228, 0.3497, 0.3452 looks on a white background.

Color Contrast Check

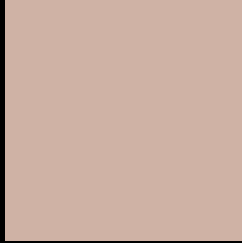
Large Text (above 18pt) WCAG AA × Fail

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 47.8228, 0.3497, 0.3452 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 47.8228, 0.3497, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 47.8228, 0.3497, 0.3452.



This preview shows how white text looks on a background with the Yxy color 47.8228, 0.3497, 0.3452.

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

47.8228, 0.3497, 0.3452

Protanopia

47.7705, 0.3317, 0.3484

Deuteranopia

47.7162, 0.3517, 0.3439



Tritanopia

47.9924, 0.3330, 0.3134

Trichromacy



Original Color

47.8228, 0.3497, 0.3452

Protanomaly

47.7081, 0.3382, 0.3468

Deuteranomaly

47.5708, 0.3508, 0.3439

Tritanomaly

47.9013, 0.3388, 0.3242

Monochromacy



Original Color

47.8228, 0.3497, 0.3452

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0077, 0.3254, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8228, 0.3497, 0.3452 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(207, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(207, 178, 165)  
}
```

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(207, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 178, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.8228, 0.3497, 0.3452 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(207, 178, 165) }
```

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

```
.border{ border-color:rgb(207, 178, 165) }
```

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

Here you see how a box with a 4 pixel rgb(207, 178, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(207, 178,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8228, 0.3497, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 178, 165) }
```

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

```
.background{ background-color: rgb(207,  
178, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor