

Converting Colors

$Y_{xy}(74.1446, 0.3525, 0.3635)$

Have a look what the booklet for
Yxy(74.1446, 0.3525, 0.3635)
contains.

Yxy(74.0503, 0.3527, 0.3628)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.0503, 0.3527, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	F4DCBC
RGB	244, 220, 188
RGB Percent	96%, 86%, 74%
CMY	0.0430, 0.1373, 0.2628
CMYK	0.00, 0.10, 0.23, 0.04
HSL	34°, 72%, 85%
HSV	34°, 23%, 96%
XYZ	71.9888, 74.0503, 58.0687
YIQ	223.5280, 24.5760, -4.8640

Conversions

Conversions Part 2

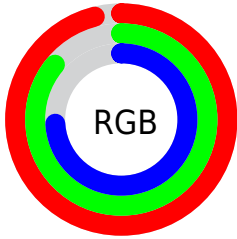
Format	Color
R _Y B	230, 244, 188
Decimal	16047292
CIE Lab	88.95, 3.42, 18.75
CIE LCh	89, 19.060, 79.678
Yxy	74.0503, 0.3527, 0.3628
Android (android.graphics.Color)	4294237372 (0xFFF4DCBC)
YUV	223.5280, -17.5153, 17.9539
Hunter-Lab	86.0525, -1.2643, 20.2275

Details

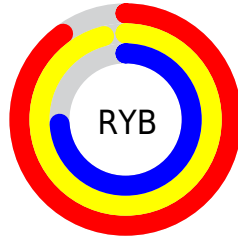
The Yxy color **74.0503, 0.3527, 0.3628** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64.3322, 0.2758, 0.2927**, and the grayscale version is **74.3057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **39.2243, 0.3615, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **67.7631, 0.3735, 0.3782**, and if you desaturate by 10%, it is **80.8665, 0.3340, 0.3476**.

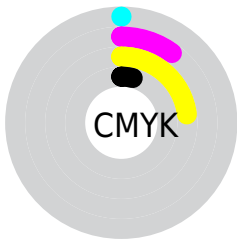
Distribution



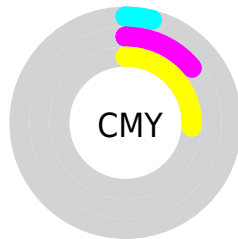
- Red (96%)
- Green (86%)
- Blue (74%)



- Red (90%)
- Yellow (96%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0503, 0.3527, 0.3628 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 74.0503, 0.3527, 0.3628 by changing the saturation by 10% instead.


 74.0503, 0.3527,
0.3628

 74.0503, 0.3527,
0.3628

474.6470, 0.3342,
0.3474

 54.8352, 0.3569,
0.3663


 124.9671, 0.3463,
0.3575

 39.2698, 0.3621,
0.3705

157.4376, 0.3438,
0.3554

 26.9697, 0.3686,
0.3758


195.0954, 0.3417,
0.3536

 17.5505, 0.3771,
0.3826

238.3248, 0.3398,
0.3521

 10.6277, 0.3885,
0.3915

287.5103, 0.3381,
0.3507

 5.8171, 0.4046,
0.4039

343.0362, 0.3367,

 2.7342, 0.4285,

0.3495

0.4215

405.2870, 0.3354,
0.3484

0.9946, 0.5107,
0.4893

0.0000, 0.0000,
0.0000

74.0503, 0.3527,
0.3628

74.0503, 0.3527,
0.3628

67.7631, 0.3735,
0.3782

80.8665, 0.3340,
0.3476

61.9797, 0.3962,
0.3933

88.2160, 0.3173,
0.3331

56.6872, 0.4203,
0.4072

95.7100, 0.3061,
0.3255

51.8684, 0.4451,
0.4188

97.9811, 0.3060,
0.3290

■ 47.5043, 0.4693,
0.4268

■ 43.5740, 0.4917,
0.4300

■ 40.0533, 0.5107,
0.4279

■ 37.8015, 0.5222,
0.4236

Harmonies

Analogous

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



74.0503, 0.3581, 0.3475



74.0503, 0.3527, 0.3628



74.0503, 0.3364, 0.3695

Triad

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



74.0503, 0.3527, 0.3628



74.0503, 0.2759, 0.3278



74.0503, 0.3099, 0.2966

Complementary

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



74.0503, 0.3527, 0.3628



64.3322, 0.2758, 0.2927

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.



74.0503, 0.2884, 0.2909



74.0503, 0.3527, 0.3628



74.0503, 0.2694, 0.3079

Square

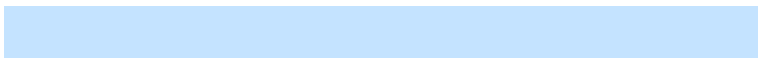
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0503, 0.3527, 0.3628



74.0503, 0.2921, 0.3490



74.0503, 0.2738, 0.2947



74.0503, 0.3329, 0.3100

Rectangle

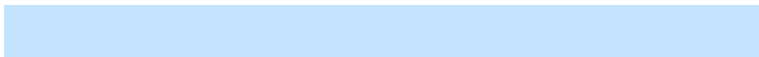
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0503, 0.3527, 0.3628



74.0503, 0.3219, 0.3676



74.0503, 0.2738, 0.2947



74.0503, 0.3023, 0.2937

Sweetspot

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



74.0536, 0.3527, 0.3628



94.1134, 0.3238, 0.3389



59.9705, 0.3400, 0.3033



20.0385, 0.3248, 0.3398



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.



74.0536, 0.3527, 0.3628



78.2107, 0.3630, 0.3707



86.9378, 0.3448, 0.3869



18.0532, 0.3279, 0.3425



20.8228, 0.5201, 0.4252



2.0339, 0.5040, 0.4380

Inverse Universe

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



64.3322, 0.2758, 0.2927



65.5741, 0.2672, 0.2834



53.6669, 0.2762, 0.2648



17.0960, 0.2980, 0.3151



9.2705, 0.1708, 0.1349



1.0145, 0.1776, 0.1592

Previews

White Background



This preview shows how the Yxy color 74.0503, 0.3527, 0.3628 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 74.0503, 0.3527, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

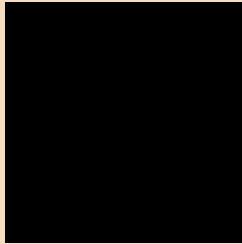
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0503, 0.3527, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 74.0503, 0.3527, 0.3628.

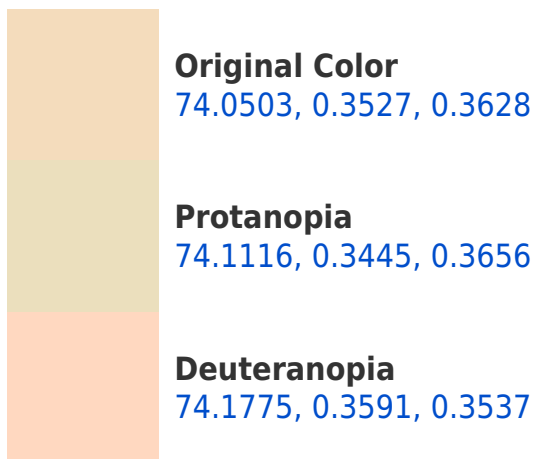


This preview shows how white text looks on a background with the Yxy color 74.0503, 0.3527, 0.3628.

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





Tritanopia

74.0024, 0.3267, 0.3118

Trichromacy



Original Color

74.0503, 0.3527, 0.3628

Protanomaly

74.0938, 0.3470, 0.3643

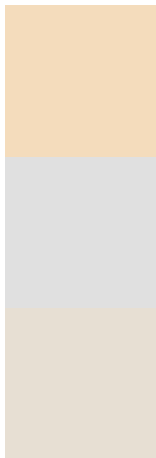
Deuteranomaly

73.8965, 0.3565, 0.3560

Tritanomaly

73.7922, 0.3363, 0.3301

Monochromacy



Original Color

74.0503, 0.3527, 0.3628

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4674, 0.3264, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0503, 0.3527, 0.3628 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(244, 220, 188)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 188)  
}
```

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(244, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 188) }
```

Border

The CSS property to change the border of an element to Yxy 74.0503, 0.3527, 0.3628 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(244, 220, 188) }
```

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

```
.border{ border-color:rgb(244, 220, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 188);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0503, 0.3527, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 188) }
```

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

```
.background{ background-color: rgb(244,  
220, 188) }
```

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