

Converting Colors

Yxy(65.0778, 0.3516, 0.3802)

Have a look what the booklet for
Yxy(65.0778, 0.3516, 0.3802)
contains.

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Color

Yxy(65.2491, 0.3517, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	DDD4A7
RGB	221, 212, 167
RGB Percent	87%, 83%, 65%
CMY	0.1333, 0.1686, 0.3450
CMYK	0.00, 0.04, 0.24, 0.13
HSL	50°, 44%, 76%
HSV	50°, 24%, 87%
XYZ	60.3421, 65.2491, 45.9815
YIQ	209.5610, 19.8090, -12.0870

Conversions

Conversions Part 2

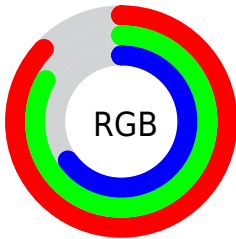
Format	Color
RYB	178, 221, 167
Decimal	14537895
CIELab	84.61, -3.94, 23.42
CIELCh	85, 23.747, 99.551
Yxy	65.2491, 0.3517, 0.3803
Android (android.graphics.Color)	4292727975 (0xFFDDD4A7)
YUV	209.5610, -20.9826, 10.0320
Hunter-Lab	80.7769, -8.0162, 22.7936

Details

The Yxy color **65.2491, 0.3517, 0.3803** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.5036, 0.2720, 0.2719**, and the grayscale version is **64.2800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **33.6909, 0.3602, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **62.6789, 0.3688, 0.4016**, and if you desaturate by 10%, it is **68.0071, 0.3351, 0.3589**.

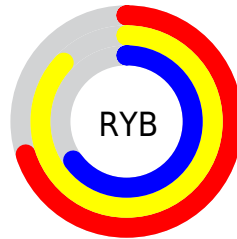
Distribution



Red (87%)

Green (83%)

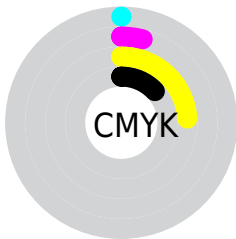
Blue (65%)



Red (70%)

Yellow (87%)

Blue (65%)

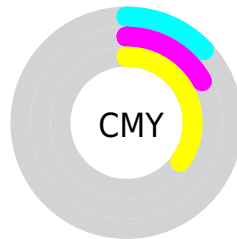


Cyan (0%)

Magenta (4%)

Yellow (24%)

Black (13%)



Cyan (13%)


Magenta (17%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2491, 0.3517, 0.3803 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 65.2491, 0.3517, 0.3803 by changing the saturation by 10% instead.


 65.2491, 0.3517,
0.3803


 65.2491, 0.3517,
0.3803


443.6866, 0.3335,
0.3560

 47.6631, 0.3559,
0.3860


 112.4079, 0.3454,
0.3718

 33.5602, 0.3610,
0.3930


 142.7495, 0.3429,
0.3685

 22.5559, 0.3674,
0.4020


178.1118, 0.3408,
0.3657

 14.2659, 0.3758,
0.4138

218.8790, 0.3390,
0.3632

 8.3059, 0.3868,
0.4299

265.4358, 0.3373,
0.3611

 4.2913, 0.4019,
0.4528

318.1664, 0.3359,

 1.8378, 0.4484,

0.3592

0.5167

377.4552, 0.3346,
0.3575

■ 0.5106, 0.4325,
0.5675

■ 0.0000, 0.0000,
0.0000

■ 65.2491, 0.3517,
0.3803

■ 65.2491, 0.3517,
0.3803

■ 62.6789, 0.3688,
0.4016

■ 68.0071, 0.3351,
0.3589

■ 60.2802, 0.3860,
0.4221

■ 70.9509, 0.3194,
0.3380

■ 58.0481, 0.4026,
0.4407

■ 74.0899, 0.3047,
0.3180

■ 55.9737, 0.4178,
0.4564

■ 77.4027, 0.2915,
0.2997

■ 54.0470, 0.4310,
0.4683

■ 79.4406, 0.2916,
0.3036

■ 52.2568, 0.4416,
0.4758

■ 81.5219, 0.2917,
0.3075

■ 50.5892, 0.4493,
0.4786

■ 83.6471, 0.2918,
0.3113

■ 49.7012, 0.4526,
0.4788

■ 85.8163, 0.2919,
0.3152

■ 88.0298, 0.2920,
0.3190

Harmonies

Analogous

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



65.2491, 0.3689, 0.3667



65.2491, 0.3517, 0.3803



65.2491, 0.3244, 0.3797

Triad

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



65.2491, 0.3517, 0.3803



65.2491, 0.2582, 0.3092



65.2491, 0.3290, 0.2979

Complementary

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



65.2491, 0.3517, 0.3803



44.5036, 0.2720, 0.2719

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.



65.2491, 0.2989, 0.2837



65.2491, 0.3517, 0.3803



65.2491, 0.2592, 0.2889

Square

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



65.2491, 0.3517, 0.3803



65.2491, 0.2710, 0.3368



65.2491, 0.2737, 0.2802



65.2491, 0.3557, 0.3196

Rectangle

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



65.2491, 0.3517, 0.3803



65.2491, 0.3045, 0.3704



65.2491, 0.2737, 0.2802



65.2491, 0.3189, 0.2921

Sweetspot

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



65.2520, 0.3517, 0.3803



97.0161, 0.3234, 0.3434



46.1901, 0.3544, 0.3174



20.7117, 0.3243, 0.3446



0.0000, 0.0000, 0.0000



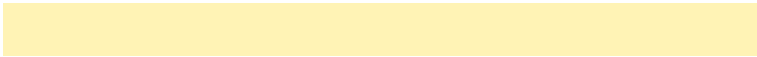
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2520, 0.3517, 0.3803



88.4910, 0.3599, 0.3906



67.3378, 0.3364, 0.3925



14.8744, 0.3271, 0.3483



29.0114, 0.4520, 0.4793



1.9798, 0.4458, 0.4842

Inverse Universe

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



44.5036, 0.2720, 0.2719



55.3662, 0.2630, 0.2588



43.0706, 0.2846, 0.2626



12.9668, 0.2981, 0.3089



3.9092, 0.1542, 0.0752



0.3629, 0.1617, 0.1022

Previews

White Background



This preview shows how the Yxy color 65.2491, 0.3517, 0.3803 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 65.2491, 0.3517, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

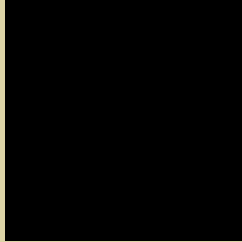
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2491, 0.3517, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 65.2491, 0.3517, 0.3803.



This preview shows how white text looks on a background with the Yxy color 65.2491, 0.3517, 0.3803.

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

65.2491, 0.3517, 0.3803

Protanopia

65.3493, 0.3559, 0.3798

Deuteranopia

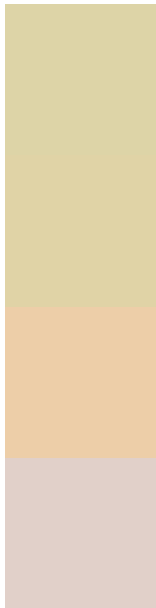
65.1693, 0.3731, 0.3655



Tritanopia

65.3771, 0.3188, 0.3117

Trichromacy



Original Color

65.2491, 0.3517, 0.3803

Protanomaly

65.1890, 0.3551, 0.3800

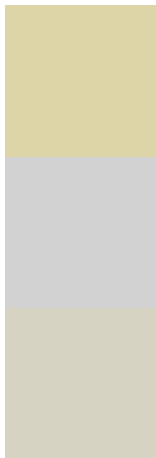
Deuteranomaly

64.9743, 0.3656, 0.3708

Tritanomaly

65.3363, 0.3307, 0.3368

Monochromacy



Original Color

65.2491, 0.3517, 0.3803

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7797, 0.3269, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2491, 0.3517, 0.3803 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(221, 212, 167)` looks like.

```
.text, #text, p{  
    color:rgb(221, 212, 167)  
}
```

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(221, 212, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 212, 167) }
```

Border

The CSS property to change the border of an element to Yxy 65.2491, 0.3517, 0.3803 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(221, 212, 167) }
```

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

```
.border{ border-color:rgb(221, 212, 167) }
```

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

Here you see how a box with a 4 pixel rgb(221, 212, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 212, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 212, 167);  
box-shadow:4px 4px 4px 4px rgb(221, 212,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2491, 0.3517, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 212, 167) }
```

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

```
.background{ background-color: rgb(221,  
212, 167) }
```

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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