

Converting Colors

$Yxy(65.3682, 0.3480, 0.3738)$

Have a look what the booklet for
Yxy(65.3682, 0.3480, 0.3738)
contains.

Yxy(65.4377, 0.3481, 0.3746)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.4377, 0.3481, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	DDD4AC
RGB	221, 212, 172
RGB Percent	87%, 83%, 67%
CMY	0.1333, 0.1686, 0.3256
CMYK	0.00, 0.04, 0.22, 0.13
HSL	49°, 42%, 77%
HSV	49°, 22%, 87%
XYZ	60.8085, 65.4377, 48.4407
YIQ	210.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

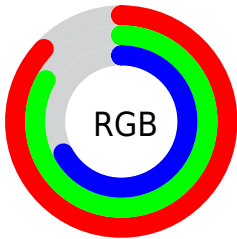
Format	Color
RYB	183, 221, 172
Decimal	14537900
CIELab	84.71, -3.25, 20.96
CIELCh	85, 21.208, 98.825
Yxy	65.4377, 0.3481, 0.3746
Android (android.graphics.Color)	4292727980 (0xFFDDD4AC)
YUV	210.1310, -18.7986, 9.5321
Hunter-Lab	80.8936, -7.3835, 21.1215

Details

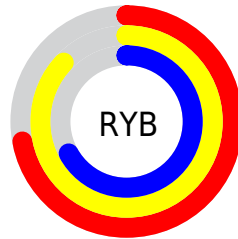
The Yxy color $65.4377, 0.3481, 0.3746$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $47.0269, 0.2762, 0.2789$, and the grayscale version is $64.6572, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.3814, 0.3286, 0.3552$, and $33.8091, 0.3554, 0.3860$ is the 20% darker color. If you saturate the color by 10%, you get $62.6573, 0.3654, 0.3957$, and if you desaturate by 10%, it is $68.4162, 0.3315, 0.3536$.

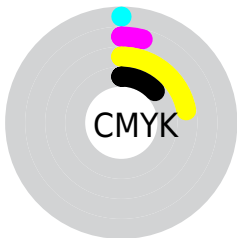
Distribution



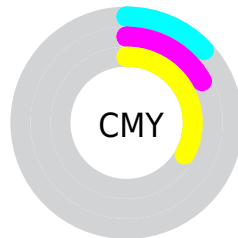
- Red (87%)
- Green (83%)
- Blue (67%)



- Red (72%)
- Yellow (87%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4377, 0.3481, 0.3746 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 65.4377, 0.3481, 0.3746 by changing the saturation by 10% instead.

65.4377, 0.3481,
0.3746

65.4377, 0.3481,
0.3746

444.3632, 0.3315,
0.3530

47.8161, 0.3519,
0.3796

112.6789, 0.3423,
0.3670

33.6813, 0.3566,
0.3859

143.0673, 0.3401,
0.3641

22.6488, 0.3625,
0.3939

178.4800, 0.3382,
0.3616

14.3344, 0.3703,
0.4045

219.3015, 0.3365,
0.3594

8.3536, 0.3806,
0.4189

265.9162, 0.3350,
0.3575

4.3221, 0.3951,
0.4397

318.7085, 0.3337,

1.8553, 0.4307,

0.3558

0.4883

378.0627, 0.3326,
0.3543

■ 0.5213, 0.4439,
0.5561

■ 0.0000, 0.0000,
0.0000

■ 65.4377, 0.3481,
0.3746

■ 65.4377, 0.3481,
0.3746

■ 62.6573, 0.3654,
0.3957

■ 68.4162, 0.3315,
0.3536

■ 60.0588, 0.3829,
0.4161

■ 71.5909, 0.3160,
0.3333

■ 57.6372, 0.4001,
0.4349

■ 74.9711, 0.3016,
0.3140

■ 55.3838, 0.4162,
0.4511

■ 78.2118, 0.2915,
0.3013

■ 53.2890, 0.4304,
0.4637

■ 80.4742, 0.2916,
0.3055

■ 51.3417, 0.4422,
0.4720

■ 82.7894, 0.2918,
0.3098

■ 49.5285, 0.4512,
0.4756

■ 85.1577, 0.2919,
0.3140

■ 48.1884, 0.4564,
0.4758

■ 87.5795, 0.2920,
0.3182

■ 90.0551, 0.2921,
0.3224

Harmonies

Analogous

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



65.4377, 0.3630, 0.3624



65.4377, 0.3481, 0.3746



65.4377, 0.3240, 0.3742

Triad

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



65.4377, 0.3481, 0.3746



65.4377, 0.2640, 0.3120



65.4377, 0.3267, 0.3007

Complementary

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



65.4377, 0.3481, 0.3746



47.0269, 0.2762, 0.2789

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.



65.4377, 0.2998, 0.2881



65.4377, 0.3481, 0.3746



65.4377, 0.2646, 0.2936

Square

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



65.4377, 0.3481, 0.3746



65.4377, 0.2758, 0.3366



65.4377, 0.2774, 0.2853



65.4377, 0.3505, 0.3201

Rectangle

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



65.4377, 0.3481, 0.3746



65.4377, 0.3062, 0.3661



65.4377, 0.2774, 0.2853



65.4377, 0.3176, 0.2956

Sweetspot

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



65.4406, 0.3481, 0.3746



96.8297, 0.3234, 0.3431



48.2365, 0.3489, 0.3176



20.6684, 0.3244, 0.3443



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.



65.4406, 0.3481, 0.3746



88.5286, 0.3567, 0.3852



67.8601, 0.3349, 0.3862



14.8360, 0.3271, 0.3479



28.1448, 0.4558, 0.4763



1.9312, 0.4488, 0.4819

Inverse Universe

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



47.0269, 0.2762, 0.2789



58.4295, 0.2670, 0.2657



45.2404, 0.2869, 0.2692



13.0020, 0.2981, 0.3093



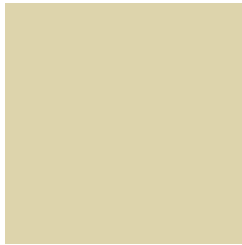
4.0571, 0.1549, 0.0777



0.3794, 0.1628, 0.1060

Previews

White Background



This preview shows how the Yxy color 65.4377, 0.3481, 0.3746 looks on a white background.

Color Contrast Check

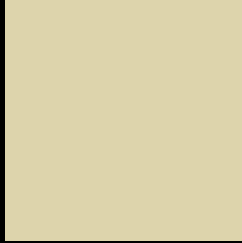
Large Text (above 18pt) WCAG AA × Fail

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 65.4377, 0.3481, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

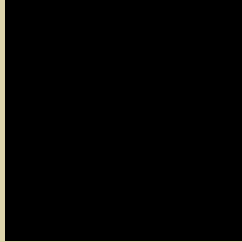
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

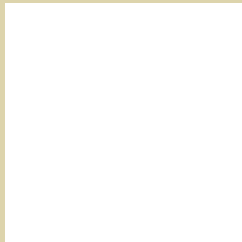
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4377, 0.3481, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 65.4377, 0.3481, 0.3746.

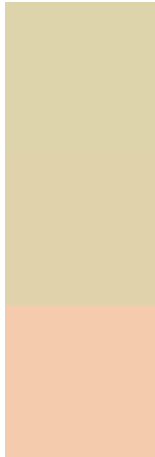


This preview shows how white text looks on a background with the Yxy color 65.4377, 0.3481, 0.3746.

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

65.4377, 0.3481, 0.3746

Protanopia

65.3761, 0.3514, 0.3743

Deuteranopia

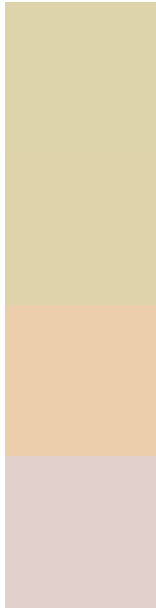
65.1803, 0.3684, 0.3602



Tritanopia

65.2140, 0.3181, 0.3116

Trichromacy



Original Color

65.4377, 0.3481, 0.3746

Protanomaly

65.2168, 0.3506, 0.3744

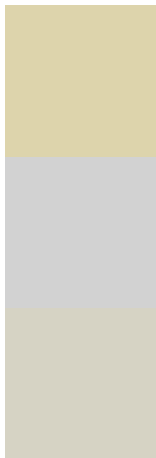
Deuteranomaly

64.9926, 0.3609, 0.3653

Tritanomaly

65.4311, 0.3293, 0.3346

Monochromacy



Original Color

65.4377, 0.3481, 0.3746

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8702, 0.3255, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4377, 0.3481, 0.3746 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(221, 212, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 212, 172) }
```

Border

The CSS property to change the border of an element to Yxy 65.4377, 0.3481, 0.3746 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, 172) }
```

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

```
.border{ border-color:rgb(221, 212, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 212, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 212, 172);  
box-shadow:4px 4px 4px 4px rgb(221, 212,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4377, 0.3481, 0.3746 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, 172) }
```

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

```
.background{ background-color: rgb(221,  
212, 172) }
```

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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