

Converting Colors

Yxy(62.9553, 0.3545, 0.3799)

Have a look what the booklet for
Yxy(62.9553, 0.3545, 0.3799)
contains.

Yxy(63.0077, 0.3541, 0.3796)	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(63.0077, 0.3541, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	DCD0A4
RGB	220, 208, 164
RGB Percent	86%, 82%, 64%
CMY	0.1372, 0.1843, 0.3567
CMYK	0.00, 0.05, 0.25, 0.14
HSL	47°, 44%, 75%
HSV	47°, 25%, 86%
XYZ	58.7751, 63.0077, 44.2017
YIQ	206.5720, 21.2760, -11.1400

Conversions

Conversions Part 2

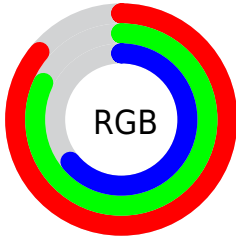
Format	Color
RYB	179, 220, 164
Decimal	14471332
CIELab	83.45, -2.67, 23.37
CIELCh	83, 23.522, 96.516
Yxy	63.0077, 0.3541, 0.3796
Android (android.graphics.Color)	4292661412 (0xFFDCD0A4)
YUV	206.5720, -20.9880, 11.7764
Hunter-Lab	79.3774, -6.7399, 22.5483

Details

The Yxy color **63.0077, 0.3541, 0.3796** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.1290, 0.2705, 0.2727**, and the grayscale version is **62.2377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **32.1736, 0.3636, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **60.0165, 0.3719, 0.3999**, and if you desaturate by 10%, it is **66.2105, 0.3370, 0.3593**.

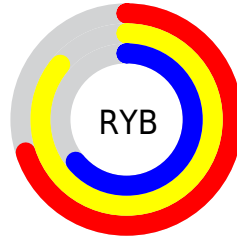
Distribution



Red (86%)

Green (82%)

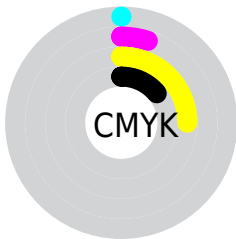
Blue (64%)



Red (70%)

Yellow (86%)

Blue (64%)

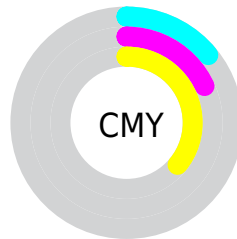


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0077, 0.3541, 0.3796 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 63.0077, 0.3541, 0.3796 by changing the saturation by 10% instead.


 63.0077, 0.3541,
0.3796


 63.0077, 0.3541,
0.3796

435.5974, 0.3346,
0.3555

 45.8474, 0.3586,
0.3852

 109.1806, 0.3473,
0.3711

 32.1254, 0.3641,
0.3922


 138.9621, 0.3447,
0.3679

 21.4573, 0.3712,
0.4011


173.7194, 0.3424,
0.3651

 13.4587, 0.3803,
0.4129

213.8369, 0.3404,
0.3627

 7.7452, 0.3925,
0.4289

259.6991, 0.3387,
0.3606

 3.9323, 0.4093,
0.4516

311.6903, 0.3372,

 1.6358, 0.4714,

0.3587

0.5286

370.1950, 0.3358,
0.3570

0.3815, 0.4381,
0.5619

0.0000, 0.0000,
0.0000

63.0077, 0.3541,
0.3796

63.0077, 0.3541,
0.3796

60.0165, 0.3719,
0.3999

66.2105, 0.3370,
0.3593

57.2207, 0.3901,
0.4193

69.6236, 0.3209,
0.3394

54.6149, 0.4078,
0.4369

73.2565, 0.3061,
0.3205

52.1900, 0.4244,
0.4516

77.1156, 0.2926,
0.3027

■ 49.9358, 0.4391,
0.4625

■ 79.9193, 0.2910,
0.3048

■ 47.8403, 0.4511,
0.4688

■ 82.6050, 0.2911,
0.3097

■ 45.8894, 0.4602,
0.4703

■ 85.3624, 0.2913,
0.3146

■ 45.0368, 0.4637,
0.4700

■ 88.1922, 0.2914,
0.3195

■ 91.0949, 0.2916,
0.3243

Harmonies

Analogous

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



63.0077, 0.3699, 0.3648



63.0077, 0.3541, 0.3796



63.0077, 0.3275, 0.3806

Triad

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



63.0077, 0.3541, 0.3796



63.0077, 0.2588, 0.3117



63.0077, 0.3260, 0.2960

Complementary

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



63.0077, 0.3541, 0.3796



44.1290, 0.2705, 0.2727

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.



63.0077, 0.2959, 0.2827



63.0077, 0.3541, 0.3796



63.0077, 0.2583, 0.2904

Square

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



63.0077, 0.3541, 0.3796



63.0077, 0.2729, 0.3397



63.0077, 0.2716, 0.2804



63.0077, 0.3535, 0.3171

Rectangle

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



63.0077, 0.3541, 0.3796



63.0077, 0.3075, 0.3723



63.0077, 0.2716, 0.2804



63.0077, 0.3158, 0.2905

Sweetspot

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



63.0105, 0.3541, 0.3796



95.9956, 0.3250, 0.3446



44.9207, 0.3549, 0.3147



20.3906, 0.3274, 0.3476



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.



63.0105, 0.3541, 0.3796



85.5699, 0.3644, 0.3915



66.7281, 0.3388, 0.3949



14.7652, 0.3272, 0.3472



26.5991, 0.4629, 0.4707



1.8437, 0.4544, 0.4774

Inverse Universe

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



44.1290, 0.2705, 0.2727



54.5407, 0.2597, 0.2575



41.4215, 0.2817, 0.2593



13.0675, 0.2981, 0.3101



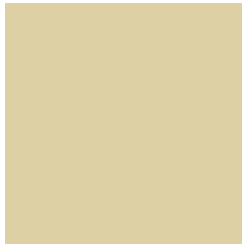
4.3673, 0.1563, 0.0828



0.4101, 0.1647, 0.1130

Previews

White Background



This preview shows how the Yxy color 63.0077, 0.3541, 0.3796 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 63.0077, 0.3541, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

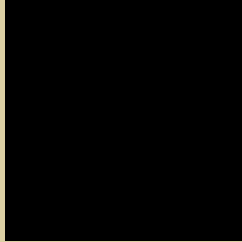
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0077, 0.3541, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 63.0077, 0.3541, 0.3796.



This preview shows how white text looks on a background with the Yxy color 63.0077, 0.3541, 0.3796.

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

63.0077, 0.3541, 0.3796

Protanopia

63.1642, 0.3549, 0.3795

Deuteranopia

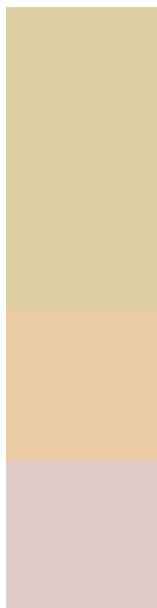
62.9390, 0.3731, 0.3661



Tritanopia

63.1139, 0.3213, 0.3115

Trichromacy



Original Color

63.0077, 0.3541, 0.3796

Protanomaly

63.1642, 0.3549, 0.3795

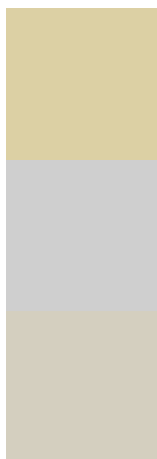
Deuteranomaly

62.9209, 0.3663, 0.3713

Tritanomaly

63.1102, 0.3327, 0.3358

Monochromacy



Original Color

63.0077, 0.3541, 0.3796

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3843, 0.3280, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0077, 0.3541, 0.3796 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(220, 208, 164)` looks like.

```
.text, #text, p{  
    color:rgb(220, 208, 164)  
}
```

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(220, 208, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 208, 164) }
```

Border

The CSS property to change the border of an element to Yxy 63.0077, 0.3541, 0.3796 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(220, 208, 164) }
```

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

```
.border{ border-color:rgb(220, 208, 164) }
```

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

Here you see how a box with a 4 pixel rgb(220, 208, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 208, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 208, 164);  
box-shadow:4px 4px 4px 4px rgb(220, 208,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0077, 0.3541, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 208, 164) }
```

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

```
.background{ background-color: rgb(220,  
208, 164) }
```

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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