

Converting Colors

$Yxy(60.6962, 0.3456, 0.3705)$

Have a look what the booklet for
Yxy(60.6962, 0.3456, 0.3705)
contains.

Yxy(60.8234, 0.3462, 0.3712)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.8234, 0.3462, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	D6CDA9
RGB	214, 205, 169
RGB Percent	84%, 80%, 66%
CMY	0.1608, 0.1961, 0.3371
CMYK	0.00, 0.04, 0.21, 0.16
HSL	48°, 35%, 75%
HSV	48°, 21%, 84%
XYZ	56.7270, 60.8234, 46.3057
YIQ	203.5870, 16.9200, -9.2880

Conversions

Conversions Part 2

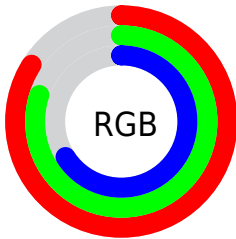
Format	Color
RYB	180, 214, 169
Decimal	14077353
CIELab	82.28, -2.66, 19.05
CIELCh	82, 19.238, 97.960
Yxy	60.8234, 0.3462, 0.3712
Android (android.graphics.Color)	4292267433 (0xFFD6CDA9)
YUV	203.5870, -17.0514, 9.1322
Hunter-Lab	77.9894, -6.6461, 19.3894

Details

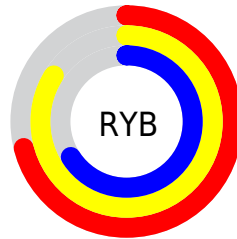
The Yxy color **60.8234, 0.3462, 0.3712** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.1502, 0.2785, 0.2829**, and the grayscale version is **60.2140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **30.7885, 0.3544, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **58.0659, 0.3636, 0.3919**, and if you desaturate by 10%, it is **63.7740, 0.3297, 0.3507**.

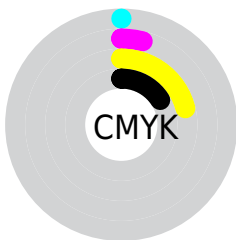
Distribution



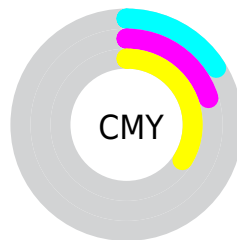
- Red (84%)
- Green (80%)
- Blue (66%)



- Red (71%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8234, 0.3462, 0.3712 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 60.8234, 0.3462, 0.3712 by changing the saturation by 10% instead.


 60.8234, 0.3462,
0.3712

 60.8234, 0.3462,
0.3712

427.6262, 0.3303,
0.3510

 44.0827, 0.3499,
0.3760

 106.0232, 0.3406,
0.3640

 30.7355, 0.3545,
0.3820


135.2510, 0.3385,
0.3613

 20.3975, 0.3604,
0.3897

169.4100, 0.3366,
0.3590

 12.6843, 0.3682,
0.4000

208.8846, 0.3350,
0.3569

 7.2115, 0.3788,
0.4143

254.0591, 0.3336,
0.3551

 3.5947, 0.3940,
0.4353

305.3179, 0.3324,

 1.4496, 0.4465,

0.3536

0.5020

363.0455, 0.3313,
0.3522

0.2528, 0.4094,
0.5906

0.0000, 0.0000,
0.0000

60.8234, 0.3462,
0.3712

60.8234, 0.3462,
0.3712

58.0659, 0.3636,
0.3919

63.7740, 0.3297,
0.3507

55.4865, 0.3813,
0.4120

66.9158, 0.3142,
0.3309

53.0805, 0.3990,
0.4308

70.2578, 0.3000,
0.3122

50.8400, 0.4157,
0.4471

73.8055, 0.2870,
0.2947

■ 48.7558, 0.4308,
0.4600

■ 76.1342, 0.2870,
0.2989

■ 46.8180, 0.4436,
0.4687

■ 78.4980, 0.2872,
0.3035

■ 45.0144, 0.4534,
0.4726

■ 80.9204, 0.2874,
0.3081

■ 43.4887, 0.4602,
0.4728

■ 83.4018, 0.2876,
0.3126

■ 85.9427, 0.2878,
0.3171

Harmonies

Analogous

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



60.8234, 0.3597, 0.3597



60.8234, 0.3462, 0.3712



60.8234, 0.3240, 0.3711

Triad

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



60.8234, 0.3462, 0.3712



60.8234, 0.2675, 0.3139



60.8234, 0.3250, 0.3022

Complementary

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



60.8234, 0.3462, 0.3712



45.1502, 0.2785, 0.2829

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.



60.8234, 0.3001, 0.2907



60.8234, 0.3462, 0.3712



60.8234, 0.2676, 0.2965

Square

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



60.8234, 0.3462, 0.3712



60.8234, 0.2789, 0.3368



60.8234, 0.2793, 0.2884



60.8234, 0.3473, 0.3202

Rectangle

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



60.8234, 0.3462, 0.3712



60.8234, 0.3074, 0.3638



60.8234, 0.2793, 0.2884



60.8234, 0.3166, 0.2974

Sweetspot

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



60.8261, 0.3462, 0.3712



97.1156, 0.3219, 0.3408



45.9331, 0.3457, 0.3174



20.7209, 0.3229, 0.3421



0.0000, 0.0000, 0.0000



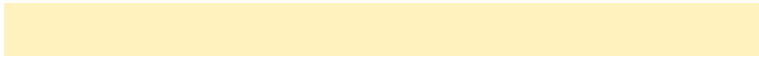
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8261, 0.3462, 0.3712



88.6818, 0.3535, 0.3800



63.4125, 0.3342, 0.3828



14.0781, 0.3271, 0.3475



26.4365, 0.4595, 0.4734



1.7042, 0.4513, 0.4799

Inverse Universe

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



45.1502, 0.2785, 0.2829



61.5177, 0.2708, 0.2722



43.1644, 0.2879, 0.2727



12.4071, 0.2982, 0.3098



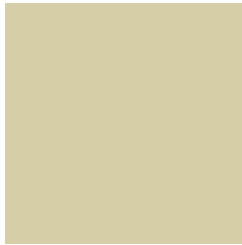
4.0894, 0.1557, 0.0805



0.3653, 0.1644, 0.1119

Previews

White Background



This preview shows how the Yxy color 60.8234, 0.3462, 0.3712 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 60.8234, 0.3462, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

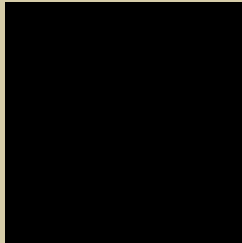
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

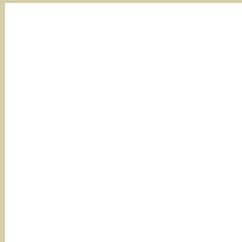
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8234, 0.3462, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 60.8234, 0.3462, 0.3712.



This preview shows how white text looks on a background with the Yxy color 60.8234, 0.3462, 0.3712.

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

60.8234, 0.3462, 0.3712

Protanopia

60.6492, 0.3481, 0.3699

Deuteranopia

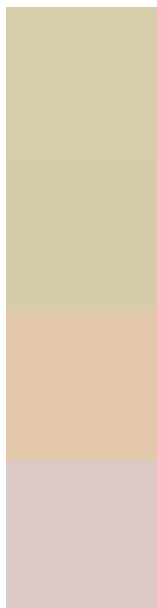
60.7056, 0.3650, 0.3579



Tritanopia

60.9175, 0.3182, 0.3122

Trichromacy



Original Color

60.8234, 0.3462, 0.3712

Protanomaly

60.4974, 0.3473, 0.3700

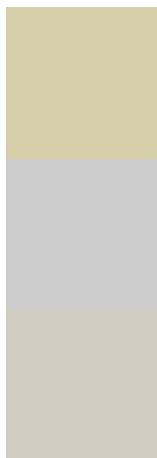
Deuteranomaly

60.7048, 0.3583, 0.3631

Tritanomaly

60.7559, 0.3283, 0.3325

Monochromacy



Original Color

60.8234, 0.3462, 0.3712

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3572, 0.3252, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8234, 0.3462, 0.3712 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(214, 205, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 169)  
}
```

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(214, 205, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 169) }
```

Border

The CSS property to change the border of an element to Yxy 60.8234, 0.3462, 0.3712 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(214, 205, 169) }
```

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

```
.border{ border-color:rgb(214, 205, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 205, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8234, 0.3462, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 169) }
```

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

```
.background{ background-color: rgb(214,  
205, 169) }
```

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