

Converting Colors

$Yxy(65.0723, 0.3727, 0.3921)$

Have a look what the booklet for
Yxy(65.0723, 0.3727, 0.3921)
contains.

Yxy(65.0237, 0.3725, 0.3922)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.0237, 0.3725, 0.3922)

Conversions

Conversions Part 1

Format	Color
Hex	E8D198
RGB	232, 209, 152
RGB Percent	91%, 82%, 60%
CMY	0.0900, 0.1804, 0.4038
CMYK	0.00, 0.10, 0.34, 0.09
HSL	43°, 64%, 75%
HSV	43°, 34%, 91%
XYZ	61.7576, 65.0237, 39.0109
YIQ	209.3790, 32.0050, -12.8510

Conversions

Conversions Part 2

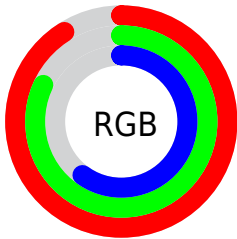
Format	Color
R _Y B	184, 232, 152
Decimal	15258008
CIE Lab	84.50, -0.11, 31.22
CIE LCh	84, 31.220, 90.195
Yxy	65.0237, 0.3725, 0.3922
Android (android.graphics.Color)	4293448088 (0xFFE8D198)
YUV	209.3790, -28.2878, 19.8386
Hunter-Lab	80.6373, -4.4076, 27.7626

Details

The Yxy color **65.0237, 0.3725, 0.3922** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1942, 0.2544, 0.2563**, and the grayscale version is **64.1991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **33.4767, 0.3865, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **61.1279, 0.3922, 0.4103**, and if you desaturate by 10%, it is **69.2118, 0.3536, 0.3735**.

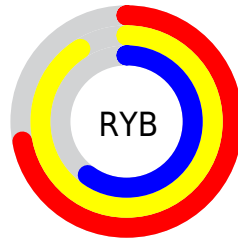
Distribution



Red (91%)

Green (82%)

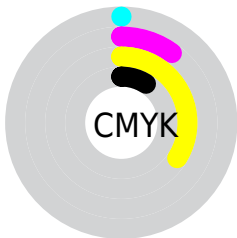
Blue (60%)



Red (72%)

Yellow (91%)

Blue (60%)

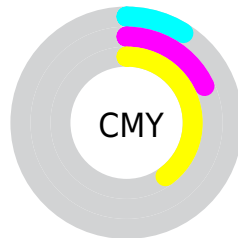


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0237, 0.3725, 0.3922 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 65.0237, 0.3725, 0.3922 by changing the saturation by 10% instead.


 65.0237, 0.3725,
0.3922

 65.0237, 0.3725,
0.3922


442.8771, 0.3446,
0.3627

 47.4803, 0.3788,
0.3989


 112.0839, 0.3628,
0.3820

 33.4155, 0.3866,
0.4071


 142.3695, 0.3591,
0.3780

 22.4449, 0.3962,
0.4173

177.6714, 0.3558,
0.3746

 14.1842, 0.4085,
0.4303

218.3738, 0.3530,
0.3716

 8.2489, 0.4244,
0.4471

264.8611, 0.3505,
0.3690

 4.2546, 0.4455,
0.4695

317.5179, 0.3483,

 1.8170, 0.4867,

0.3666

0.5133

376.7284, 0.3464,
0.3646

0.4977, 0.4859,
0.5141

0.0000, 0.0000,
0.0000

65.0237, 0.3725,
0.3922

65.0237, 0.3725,
0.3922

61.1279, 0.3922,
0.4103

69.2118, 0.3536,
0.3735

57.5051, 0.4121,
0.4268

73.6929, 0.3359,
0.3548

54.1470, 0.4314,
0.4406

78.4791, 0.3195,
0.3368

51.0409, 0.4492,
0.4507

83.5788, 0.3047,
0.3197

■ 48.1727, 0.4645,
0.4562

■ 88.1313, 0.2987,
0.3164

■ 45.5251, 0.4767,
0.4566

■ 92.1922, 0.2987,
0.3231

■ 44.1451, 0.4824,
0.4552

■ 95.9024, 0.2988,
0.3290

Harmonies

Analogous

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



65.0237, 0.3898, 0.3690



65.0237, 0.3725, 0.3922



65.0237, 0.3395, 0.3990

Triad

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



65.0237, 0.3725, 0.3922



65.0237, 0.2452, 0.3129



65.0237, 0.3213, 0.2818

Complementary

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



65.0237, 0.3725, 0.3922



43.1942, 0.2544, 0.2563

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.



65.0237, 0.2829, 0.2675



65.0237, 0.3725, 0.3922



65.0237, 0.2410, 0.2828

Square

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



65.0237, 0.3725, 0.3922



65.0237, 0.2664, 0.3508



65.0237, 0.2543, 0.2673



65.0237, 0.3595, 0.3069

Rectangle

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



65.0237, 0.3725, 0.3922



65.0237, 0.3136, 0.3914



65.0237, 0.2543, 0.2673



65.0237, 0.3080, 0.2756

Sweetspot

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



65.0267, 0.3725, 0.3922



93.8678, 0.3284, 0.3467



42.7623, 0.3695, 0.3018



19.9138, 0.3308, 0.3493



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.



65.0267, 0.3725, 0.3922



77.2644, 0.3857, 0.4045



74.6078, 0.3526, 0.4185



16.0789, 0.3275, 0.3457



24.7244, 0.4811, 0.4562



1.9844, 0.4700, 0.4650

Inverse Universe

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



43.1942, 0.2544, 0.2563



46.6182, 0.2419, 0.2392



36.6204, 0.2625, 0.2292



14.5600, 0.2981, 0.3118



5.6387, 0.1604, 0.0974



0.5720, 0.1684, 0.1260

Previews

White Background



This preview shows how the Yxy color 65.0237, 0.3725, 0.3922 looks on a white background.

Color Contrast Check

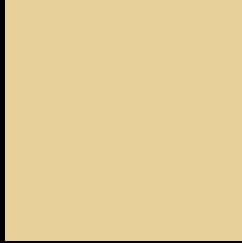
Large Text (above 18pt) WCAG AA × Fail

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 65.0237, 0.3725, 0.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

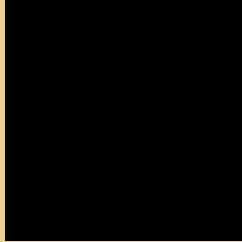
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0237, 0.3725, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 65.0237, 0.3725, 0.3922.



This preview shows how white text looks on a background with the Yxy color 65.0237, 0.3725, 0.3922.

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

65.0237, 0.3725, 0.3922

Protanopia

65.2193, 0.3670, 0.3942

Deuteranopia

64.8650, 0.3892, 0.3808



Tritanopia

65.0819, 0.3314, 0.3131

Trichromacy



Original Color

65.0237, 0.3725, 0.3922

Protanomaly

65.0511, 0.3689, 0.3927

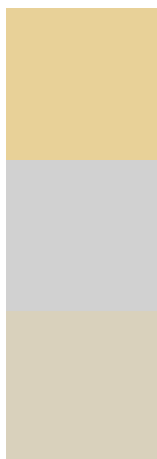
Deuteranomaly

65.0172, 0.3823, 0.3851

Tritanomaly

64.8689, 0.3460, 0.3411

Monochromacy



Original Color

65.0237, 0.3725, 0.3922

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9835, 0.3338, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0237, 0.3725, 0.3922 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(232, 209, 152)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 152)  
}
```

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(232, 209, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 152) }
```

Border

The CSS property to change the border of an element to Yxy 65.0237, 0.3725, 0.3922 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(232, 209, 152) }
```

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

```
.border{ border-color:rgb(232, 209, 152) }
```

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

Here you see how a box with a 4 pixel rgb(232, 209, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 152);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0237, 0.3725, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 152) }
```

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

```
.background{ background-color: rgb(232,  
209, 152) }
```

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