

Converting Colors

Yxy(66.3133, 0.3658, 0.4016)

Have a look what the booklet for
Yxy(66.3133, 0.3658, 0.4016)
contains.

Yxy(66.1424, 0.3657, 0.4012)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.1424, 0.3657, 0.4012)

Conversions

Conversions Part 1

Format	Color
Hex	E0D696
RGB	224, 214, 150
RGB Percent	88%, 84%, 59%
CMY	0.1216, 0.1608, 0.4119
CMYK	0.00, 0.04, 0.33, 0.12
HSL	52°, 54%, 73%
HSV	52°, 33%, 88%
XYZ	60.2898, 66.1424, 38.4292
YIQ	209.6940, 26.5040, -17.7840

Conversions

Conversions Part 2

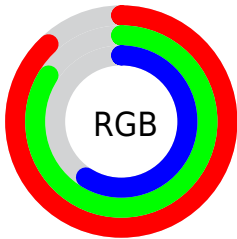
Format	Color
RYB	162, 224, 150
Decimal	14734998
CIELab	85.07, -6.03, 32.92
CIELCh	85, 33.466, 100.389
Yxy	66.1424, 0.3657, 0.4012
Android (android.graphics.Color)	4292925078 (0xFFE0D696)
YUV	209.6940, -29.4291, 12.5464
Hunter-Lab	81.3280, -9.9989, 28.9138

Details

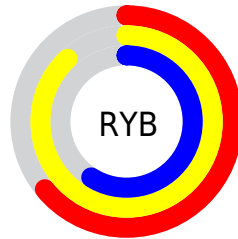
The Yxy color **66.1424, 0.3657, 0.4012** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9908, 0.2552, 0.2446**, and the grayscale version is **64.4212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **34.0029, 0.3785, 0.4185** is the 20% darker color. If you saturate the color by 10%, you get **63.9753, 0.3823, 0.4224**, and if you desaturate by 10%, it is **68.4818, 0.3490, 0.3791**.

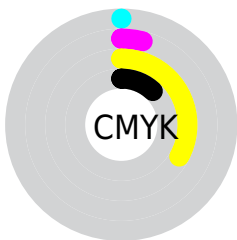
Distribution



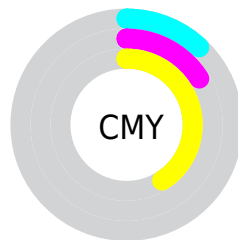
- Red (88%)
- Green (84%)
- Blue (59%)



- Red (64%)
- Yellow (88%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (12%)




- Cyan (12%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1424, 0.3657, 0.4012 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 66.1424, 0.3657, 0.4012 by changing the saturation by 10% instead.


 66.1424, 0.3657,
0.4012


 66.1424, 0.3657,
0.4012

446.8860, 0.3413,
0.3671

 48.3880, 0.3711,
0.4090


 113.6907, 0.3574,
0.3893

 34.1343, 0.3777,
0.4187


 144.2534, 0.3541,
0.3847

 22.9968, 0.3857,
0.4308


179.8543, 0.3512,
0.3808

 14.5911, 0.3958,
0.4464


220.8778, 0.3488,
0.3773

 8.5329, 0.4083,
0.4669

267.7084, 0.3466,
0.3743

 4.4378, 0.4243,
0.4953

320.7303, 0.3446,

 1.9214, 0.4529,

0.3716

0.5471

380.3280, 0.3429,
0.3693

0.5612, 0.4076,
0.5924

0.0000, 0.0000,
0.0000

66.1424, 0.3657,
0.4012

66.1424, 0.3657,
0.4012

63.9753, 0.3823,
0.4224

68.4818, 0.3490,
0.3791

61.9635, 0.3982,
0.4419

70.9920, 0.3327,
0.3570

60.1012, 0.4127,
0.4585

73.6828, 0.3172,
0.3354

58.3785, 0.4252,
0.4713

76.5607, 0.3028,
0.3148

■ 56.7839, 0.4351,
0.4798

■ 79.1748, 0.2935,
0.3024

■ 55.3038, 0.4421,
0.4837

■ 80.8637, 0.2935,
0.3055

■ 54.3271, 0.4456,
0.4844

■ 82.5819, 0.2936,
0.3087

■ 84.3296, 0.2937,
0.3118

■ 86.1068, 0.2937,
0.3149

Harmonies

Analogous

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



66.1424, 0.3909, 0.3811



66.1424, 0.3657, 0.4012



66.1424, 0.3271, 0.4011

Triad

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



66.1424, 0.3657, 0.4012



66.1424, 0.2374, 0.2993



66.1424, 0.3363, 0.2869

Complementary

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



66.1424, 0.3657, 0.4012



36.9908, 0.2552, 0.2446

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.



66.1424, 0.2940, 0.2674



66.1424, 0.3657, 0.4012



66.1424, 0.2393, 0.2723

Square

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



66.1424, 0.3657, 0.4012



66.1424, 0.2540, 0.3382



66.1424, 0.2593, 0.2618



66.1424, 0.3740, 0.3162

Rectangle

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



66.1424, 0.3657, 0.4012



66.1424, 0.2994, 0.3876



66.1424, 0.2593, 0.2618



66.1424, 0.3220, 0.2791

Sweetspot

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



66.1454, 0.3657, 0.4012



96.2888, 0.3280, 0.3505



40.2258, 0.3777, 0.3160



20.5024, 0.3303, 0.3536



0.0000, 0.0000, 0.0000



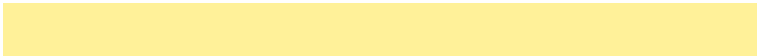
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1454, 0.3657, 0.4012



86.6086, 0.3778, 0.4167



67.5301, 0.3425, 0.4170



15.6975, 0.3271, 0.3491



31.7464, 0.4452, 0.4847



2.2890, 0.4406, 0.4884

Inverse Universe

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



36.9908, 0.2552, 0.2446



41.5444, 0.2407, 0.2224



36.4006, 0.2743, 0.2364



13.5401, 0.2981, 0.3081



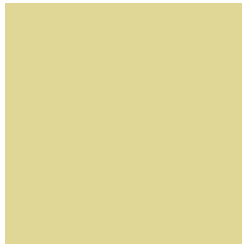
3.7755, 0.1530, 0.0709



0.3591, 0.1592, 0.0931

Previews

White Background



This preview shows how the Yxy color 66.1424, 0.3657, 0.4012 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 66.1424, 0.3657, 0.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

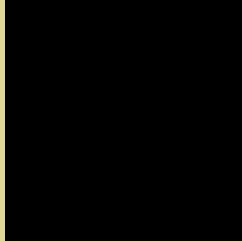
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

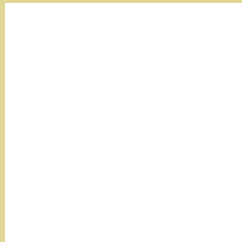
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1424, 0.3657, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 66.1424, 0.3657, 0.4012.



This preview shows how white text looks on a background with the Yxy color 66.1424, 0.3657, 0.4012.

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

66.1424, 0.3657, 0.4012

Protanopia

65.9149, 0.3711, 0.3992

Deuteranopia

65.6743, 0.3912, 0.3825



Tritanopia

66.0389, 0.3219, 0.3119

Trichromacy



Original Color

66.1424, 0.3657, 0.4012

Protanomaly

66.0893, 0.3691, 0.4006

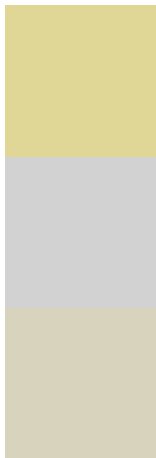
Deuteranomaly

65.7373, 0.3822, 0.3894

Tritanomaly

65.7099, 0.3383, 0.3434

Monochromacy



Original Color

66.1424, 0.3657, 0.4012

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6664, 0.3320, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1424, 0.3657, 0.4012 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(224, 214, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 150)  
}
```

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(224, 214, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 150) }
```

Border

The CSS property to change the border of an element to Yxy 66.1424, 0.3657, 0.4012 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(224, 214, 150) }
```

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

```
.border{ border-color:rgb(224, 214, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 214, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1424, 0.3657, 0.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 150) }
```

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

```
.background{ background-color: rgb(224,  
214, 150) }
```

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