

Converting Colors

$Yxy(65.2674, 0.3620, 0.3923)$

Have a look what the booklet for
Yxy(65.2674, 0.3620, 0.3923)
contains.

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Color

Yxy(65.3346, 0.3621, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	E0D49C
RGB	224, 212, 156
RGB Percent	88%, 83%, 61%
CMY	0.1215, 0.1686, 0.3883
CMYK	0.00, 0.05, 0.30, 0.12
HSL	49°, 52%, 75%
HSV	49°, 30%, 88%
XYZ	60.2896, 65.3346, 40.8757
YIQ	209.2040, 25.1280, -14.8720

Conversions

Conversions Part 2

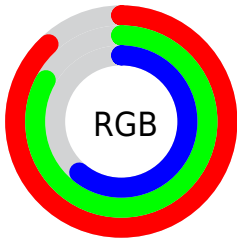
Format	Color
RYB	171, 224, 156
Decimal	14734492
CIELab	84.66, -4.25, 29.27
CIELCh	85, 29.575, 98.271
Yxy	65.3346, 0.3621, 0.3924
Android (android.graphics.Color)	4292924572 (0xFFE0D49C)
YUV	209.2040, -26.2296, 12.9761
Hunter-Lab	80.8298, -8.3119, 26.5978

Details

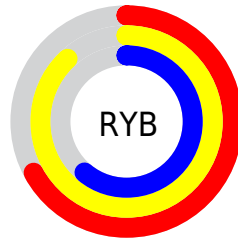
The Yxy color **65.3346, 0.3621, 0.3924** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4580, 0.2609, 0.2564**, and the grayscale version is **64.0656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **33.7780, 0.3736, 0.4087** is the 20% darker color. If you saturate the color by 10%, you get **62.6915, 0.3795, 0.4131**, and if you desaturate by 10%, it is **68.1722, 0.3450, 0.3711**.

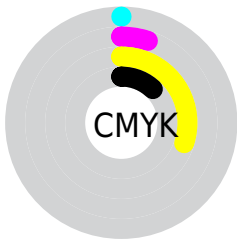
Distribution



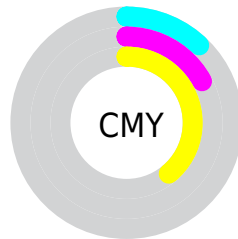
- Red (88%)
- Green (83%)
- Blue (61%)



- Red (67%)
- Yellow (88%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (12%)




- Cyan (12%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3346, 0.3621, 0.3924 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 65.3346, 0.3621, 0.3924 by changing the saturation by 10% instead.


 65.3346, 0.3621,
0.3924


 65.3346, 0.3621,
0.3924


443.9934, 0.3392,
0.3625

 47.7324, 0.3673,
0.3993


 112.5308, 0.3542,
0.3819

 33.6151, 0.3736,
0.4078


 142.8936, 0.3511,
0.3779

 22.5980, 0.3815,
0.4186


178.2787, 0.3484,
0.3744

 14.2970, 0.3914,
0.4326

219.0706, 0.3461,
0.3714

 8.3275, 0.4043,
0.4513

265.6536, 0.3441,
0.3687

 4.3052, 0.4208,
0.4767

318.4122, 0.3422,

 1.8457, 0.4628,

0.3664

0.5372

377.7306, 0.3406,
0.3643

■ 0.5154, 0.4282,
0.5718

■ 0.0000, 0.0000,
0.0000

■ 65.3346, 0.3621,
0.3924

■ 65.3346, 0.3621,
0.3924

■ 62.6915, 0.3795,
0.4131

■ 68.1722, 0.3450,
0.3711

■ 60.2259, 0.3966,
0.4324

■ 71.2028, 0.3286,
0.3501

■ 57.9320, 0.4128,
0.4493

■ 74.4363, 0.3133,
0.3297

■ 55.8001, 0.4272,
0.4627

■ 77.8794, 0.2991,
0.3105

■ 53.8189, 0.4393,
0.4719

■ 80.6728, 0.2935,
0.3052

■ 51.9753, 0.4485,
0.4764

■ 82.9252, 0.2936,
0.3093

■ 50.3091, 0.4549,
0.4770

■ 85.2281, 0.2937,
0.3134

■ 87.5819, 0.2938,
0.3175

■ 89.9869, 0.2939,
0.3215

Harmonies

Analogous

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



65.3346, 0.3831, 0.3740



65.3346, 0.3621, 0.3924



65.3346, 0.3284, 0.3933

Triad

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



65.3346, 0.3621, 0.3924



65.3346, 0.2459, 0.3051



65.3346, 0.3311, 0.2898

Complementary

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



65.3346, 0.3621, 0.3924



40.4580, 0.2609, 0.2564

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.



65.3346, 0.2938, 0.2730



65.3346, 0.3621, 0.3924



65.3346, 0.2464, 0.2799

Square

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



65.3346, 0.3621, 0.3924



65.3346, 0.2620, 0.3399



65.3346, 0.2633, 0.2691



65.3346, 0.3651, 0.3158

Rectangle

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



65.3346, 0.3621, 0.3924



65.3346, 0.3037, 0.3823



65.3346, 0.2633, 0.2691



65.3346, 0.3185, 0.2830

Sweetspot

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



65.3376, 0.3621, 0.3924



96.0477, 0.3266, 0.3474



42.4660, 0.3683, 0.3144



20.4259, 0.3289, 0.3504



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.



65.3376, 0.3621, 0.3924



85.5107, 0.3723, 0.4047



68.3496, 0.3420, 0.4090



15.5957, 0.3272, 0.3482



29.4277, 0.4543, 0.4775



2.1492, 0.4479, 0.4825

Inverse Universe

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



40.4580, 0.2609, 0.2564



47.4400, 0.2495, 0.2396



38.5627, 0.2762, 0.2443



13.6331, 0.2981, 0.3091



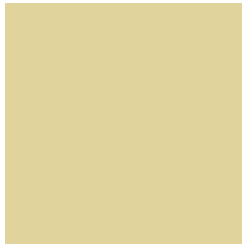
4.1181, 0.1546, 0.0765



0.4031, 0.1618, 0.1026

Previews

White Background



This preview shows how the Yxy color 65.3346, 0.3621, 0.3924 looks on a white background.

Color Contrast Check

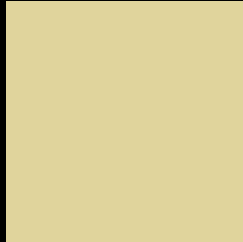
Large Text (above 18pt) WCAG AA × Fail

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 65.3346, 0.3621, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

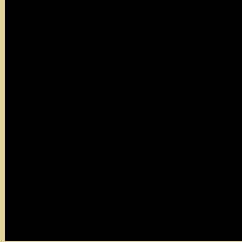
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3346, 0.3621, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 65.3346, 0.3621, 0.3924.



This preview shows how white text looks on a background with the Yxy color 65.3346, 0.3621, 0.3924.

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

65.3346, 0.3621, 0.3924

Protanopia

65.3197, 0.3648, 0.3908

Deuteranopia

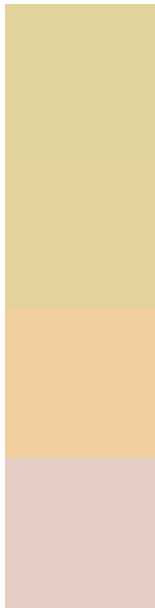
65.3202, 0.3841, 0.3768



Tritanopia

65.5088, 0.3227, 0.3118

Trichromacy



Original Color

65.3346, 0.3621, 0.3924

Protanomaly

65.1576, 0.3640, 0.3910

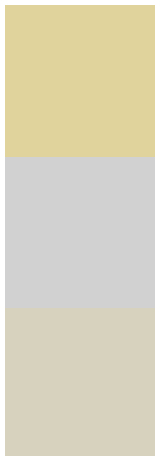
Deuteranomaly

65.1022, 0.3764, 0.3823

Tritanomaly

65.3149, 0.3369, 0.3401

Monochromacy



Original Color

65.3346, 0.3621, 0.3924

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1070, 0.3299, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3346, 0.3621, 0.3924 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, 212, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 156)  
}
```

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, 212, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 156) }
```

Border

The CSS property to change the border of an element to Yxy 65.3346, 0.3621, 0.3924 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, 212, 156) }
```

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

```
.border{ border-color:rgb(224, 212, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 212, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3346, 0.3621, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 156) }
```

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

```
.background{ background-color: rgb(224,  
212, 156) }
```

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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