

Converting Colors

$Yxy(66.9986, 0.3638, 0.3841)$

Have a look what the booklet for
Yxy(66.9986, 0.3638, 0.3841)
contains.

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Color

Yxy(66.8514, 0.3642, 0.3843)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8D4A2 |
| RGB | 232, 212, 162 |
| RGB Percent | 91%, 83%, 64% |
| CMY | 0.0900, 0.1687, 0.3647 |
| CMYK | 0.00, 0.09, 0.30, 0.09 |
| HSL | 43°, 60%, 77% |
| HSV | 43°, 30%, 91% |
| XYZ | 63.3549, 66.8514, 43.7500 |
| YIQ | 212.2800, 27.9700, -11.3100 |

Conversions

Conversions Part 2

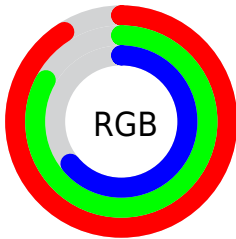
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 190, 232, 162 |
| Decimal | 15258786 |
| CIE Lab | 85.43, -0.43, 27.29 |
| CIE LCh | 85, 27.298, 90.893 |
| Yxy | 66.8514, 0.3642, 0.3843 |
| Android (android.graphics.Color) | 4293448866 (0xFFE8D4A2) |
| YUV | 212.2800, -24.7880, 17.2944 |
| Hunter-Lab | 81.7627, -4.7717, 25.5087 |

Details

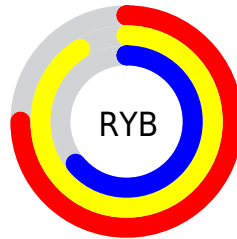
The Yxy color **66.8514, 0.3642, 0.3843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.9924, 0.2623, 0.2667**, and the grayscale version is **66.1937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **34.8096, 0.3766, 0.3979** is the 20% darker color. If you saturate the color by 10%, you get **62.8501, 0.3836, 0.4028**, and if you desaturate by 10%, it is **71.1477, 0.3458, 0.3655**.

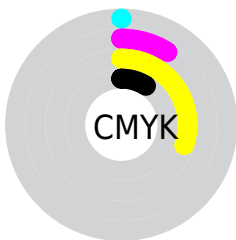
Distribution



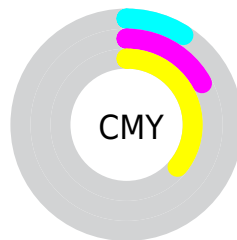
- Red (91%)
- Green (83%)
- Blue (64%)



- Red (75%)
- Yellow (91%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8514, 0.3642, 0.3843 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 66.8514, 0.3642, 0.3843 by changing the saturation by 10% instead.

 66.8514, 0.3642,
0.3843


 66.8514, 0.3642,
0.3843


449.4156, 0.3402,
0.3585

 48.9639, 0.3697,
0.3902


 114.7075, 0.3559,
0.3753

 34.5908, 0.3764,
0.3974


 145.4448, 0.3526,
0.3719

 23.3479, 0.3848,
0.4065


181.2342, 0.3499,
0.3689

 14.8506, 0.3956,
0.4182

222.4600, 0.3474,
0.3662

 8.7146, 0.4098,
0.4336

269.5066, 0.3453,
0.3640

 4.5555, 0.4288,
0.4544

322.7585, 0.3434,

 1.9889, 0.4849,

0.3619

382.6001, 0.3417,
0.3601

0.5151

0.6010, 0.4827,
0.5173

0.0000, 0.0000,
0.0000

66.8514, 0.3642,
0.3843

66.8514, 0.3642,
0.3843

62.8501, 0.3836,
0.4028

71.1477, 0.3458,
0.3655

59.1248, 0.4035,
0.4202

75.7393, 0.3287,
0.3470

55.6676, 0.4231,
0.4353

80.6380, 0.3130,
0.3293

52.4665, 0.4416,
0.4472

85.8521, 0.2988,
0.3126

■ 49.5082, 0.4579,
0.4547

■ 89.8163, 0.2987,
0.3192

■ 46.7769, 0.4714,
0.4573

■ 93.9137, 0.2988,
0.3258

■ 44.2911, 0.4819,
0.4555

■ 95.9032, 0.2988,
0.3290

Harmonies

Analogous

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



66.8514, 0.3793, 0.3648



66.8514, 0.3642, 0.3843



66.8514, 0.3355, 0.3892

Triad

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



66.8514, 0.3642, 0.3843



66.8514, 0.2535, 0.3147



66.8514, 0.3212, 0.2881

Complementary

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



66.8514, 0.3642, 0.3843



46.9924, 0.2623, 0.2667

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.



66.8514, 0.2876, 0.2753



66.8514, 0.3642, 0.3843



66.8514, 0.2501, 0.2887

Square

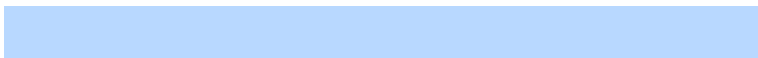
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8514, 0.3642, 0.3843



66.8514, 0.2720, 0.3472



66.8514, 0.2622, 0.2751



66.8514, 0.3539, 0.3105

Rectangle

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



66.8514, 0.3642, 0.3843



66.8514, 0.3129, 0.3822



66.8514, 0.2622, 0.2751



66.8514, 0.3096, 0.2826

Sweetspot

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



66.8544, 0.3642, 0.3843



94.4877, 0.3268, 0.3450



46.4266, 0.3601, 0.3053



20.0398, 0.3292, 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.



66.8544, 0.3642, 0.3843



79.7922, 0.3758, 0.3955



75.2583, 0.3478, 0.4070



16.0832, 0.3275, 0.3457



24.8037, 0.4807, 0.4565



1.9897, 0.4696, 0.4653

Inverse Universe

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



46.9924, 0.2623, 0.2667



51.6321, 0.2512, 0.2519



40.9044, 0.2700, 0.2432



14.5559, 0.2981, 0.3117



5.6118, 0.1603, 0.0970



0.5696, 0.1682, 0.1256

Previews

White Background



This preview shows how the Yxy color 66.8514, 0.3642, 0.3843 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 66.8514, 0.3642, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

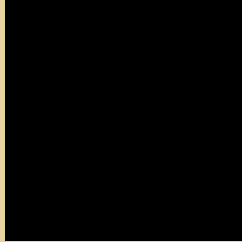
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

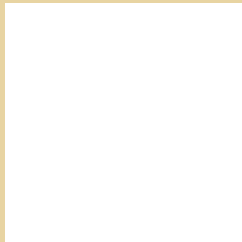
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8514, 0.3642, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 66.8514, 0.3642, 0.3843.



This preview shows how white text looks on a background with the Yxy color 66.8514, 0.3642, 0.3843.

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

66.8514, 0.3642, 0.3843

Protanopia

66.7268, 0.3599, 0.3849

Deuteranopia

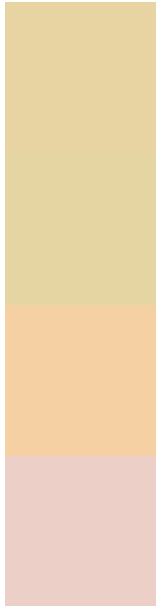
66.8162, 0.3812, 0.3733



Tritanopia

66.7038, 0.3281, 0.3121

Trichromacy



Original Color

66.8514, 0.3642, 0.3843

Protanomaly

66.8909, 0.3607, 0.3847

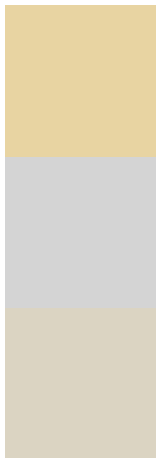
Deuteranomaly

66.9892, 0.3744, 0.3773

Tritanomaly

66.5820, 0.3409, 0.3377

Monochromacy



Original Color

66.8514, 0.3642, 0.3843

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0421, 0.3306, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8514, 0.3642, 0.3843 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, 212, 162)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 162)  
}
```

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, 212, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 162) }
```

Border

The CSS property to change the border of an element to Yxy 66.8514, 0.3642, 0.3843 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, 212, 162) }
```

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

```
.border{ border-color:rgb(232, 212, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 162);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8514, 0.3642, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 162) }
```

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

```
.background{ background-color: rgb(232,  
212, 162) }
```

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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