

Converting Colors

$Yxy(65.1985, 0.3732, 0.4077)$

Have a look what the booklet for
Yxy(65.1985, 0.3732, 0.4077)
contains.

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Color

Yxy(65.2087, 0.3736, 0.4075)

Conversions

Conversions Part 1

Format	Color
Hex	E2D48E
RGB	226, 212, 142
RGB Percent	89%, 83%, 56%
CMY	0.1138, 0.1686, 0.4431
CMYK	0.00, 0.06, 0.37, 0.11
HSL	50°, 59%, 72%
HSV	50°, 37%, 89%
XYZ	59.7840, 65.2087, 35.0287
YIQ	208.2060, 30.8140, -18.8020

Conversions

Conversions Part 2

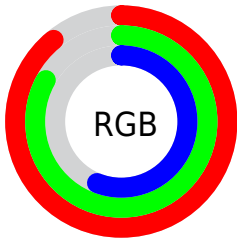
Format	Color
R _Y B	159, 226, 142
Decimal	14865550
CIE Lab	84.59, -5.18, 36.39
CIE LCh	85, 36.759, 98.101
Yxy	65.2087, 0.3736, 0.4075
Android (android.graphics.Color)	4293055630 (0xFFE2D48E)
YUV	208.2060, -32.6396, 15.6053
Hunter-Lab	80.7519, -9.1649, 30.8074

Details

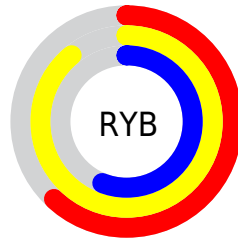
The Yxy color **65.2087, 0.3736, 0.4075** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0063, 0.2475, 0.2357**, and the grayscale version is **63.4179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **33.6441, 0.3862, 0.4264** is the 20% darker color. If you saturate the color by 10%, you get **62.7437, 0.3907, 0.4276**, and if you desaturate by 10%, it is **67.8610, 0.3564, 0.3863**.

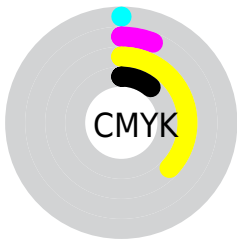
Distribution



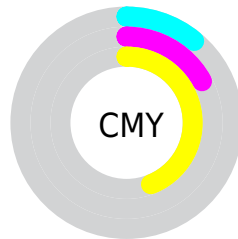
- Red (89%)
- Green (83%)
- Blue (56%)



- Red (62%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (37%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2087, 0.3736, 0.4075 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 65.2087, 0.3736, 0.4075 by changing the saturation by 10% instead.

65.2087, 0.3736,
0.4075

65.2087, 0.3736,
0.4075

443.5416, 0.3456,
0.3706

47.6303, 0.3798,
0.4159

112.3499, 0.3640,
0.3947

33.5342, 0.3872,
0.4262

142.6814, 0.3603,
0.3897

22.5360, 0.3963,
0.4390

178.0328, 0.3570,
0.3854

14.2513, 0.4075,
0.4553

218.7885, 0.3542,
0.3817

8.2956, 0.4211,
0.4762

265.3328, 0.3516,
0.3784

4.2847, 0.4417,
0.5085

318.0502, 0.3494,

1.8341, 0.4573,

0.3755

0.5427

377.3250, 0.3474,
0.3729

■ 0.5083, 0.4123,
0.5877

■ 0.0000, 0.0000,
0.0000

■ 65.2087, 0.3736,
0.4075

■ 65.2087, 0.3736,
0.4075

■ 62.7437, 0.3907,
0.4276

■ 67.8610, 0.3564,
0.3863

■ 60.4483, 0.4069,
0.4455

■ 70.6996, 0.3396,
0.3648

■ 58.3159, 0.4217,
0.4603

■ 73.7348, 0.3236,
0.3436

■ 56.3359, 0.4342,
0.4710

■ 76.9736, 0.3086,
0.3233

■ 54.4954, 0.4439,
0.4772

■ 80.4224, 0.2948,
0.3042

■ 52.7782, 0.4508,
0.4788

■ 82.5459, 0.2948,
0.3081

■ 52.3049, 0.4525,
0.4789

■ 84.7144, 0.2949,
0.3120

■ 86.9286, 0.2950,
0.3159

■ 89.1887, 0.2950,
0.3197

Harmonies

Analogous

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



65.2087, 0.4001, 0.3834



65.2087, 0.3736, 0.4075



65.2087, 0.3317, 0.4100

Triad

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



65.2087, 0.3736, 0.4075



65.2087, 0.2308, 0.2988



65.2087, 0.3350, 0.2808

Complementary

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



65.2087, 0.3736, 0.4075



35.0063, 0.2475, 0.2357

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.



65.2087, 0.2886, 0.2606



65.2087, 0.3736, 0.4075



65.2087, 0.2315, 0.2682

Square

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



65.2087, 0.3736, 0.4075



65.2087, 0.2502, 0.3425



65.2087, 0.2517, 0.2556



65.2087, 0.3777, 0.3121

Rectangle

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



65.2087, 0.3736, 0.4075



65.2087, 0.3012, 0.3965



65.2087, 0.2517, 0.2556



65.2087, 0.3192, 0.2726

Sweetspot

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



65.2117, 0.3736, 0.4075



95.3841, 0.3297, 0.3518



37.9128, 0.3879, 0.3127



20.2992, 0.3319, 0.3547



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.



65.2117, 0.3736, 0.4075



83.1079, 0.3875, 0.4240



68.3348, 0.3469, 0.4283



15.6213, 0.3271, 0.3484



29.9985, 0.4519, 0.4794



2.1838, 0.4461, 0.4840

Inverse Universe

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



35.0063, 0.2475, 0.2357



37.7258, 0.2313, 0.2110



33.3832, 0.2672, 0.2231



13.6096, 0.2981, 0.3088



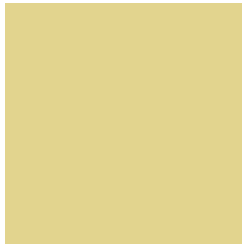
4.0237, 0.1542, 0.0749



0.3920, 0.1612, 0.1003

Previews

White Background



This preview shows how the Yxy color 65.2087, 0.3736, 0.4075 looks on a white background.

Color Contrast Check

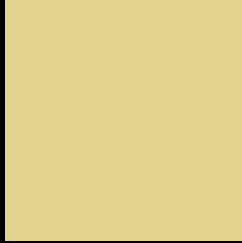
Large Text (above 18pt) WCAG AA × Fail

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 65.2087, 0.3736, 0.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

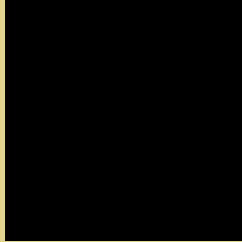
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2087, 0.3736, 0.4075

Background



This preview shows how black text looks on a background with the Yxy color 65.2087, 0.3736, 0.4075.



This preview shows how white text looks on a background with the Yxy color 65.2087, 0.3736, 0.4075.

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

65.2087, 0.3736, 0.4075

Protanopia

65.1995, 0.3765, 0.4058

Deuteranopia

64.9501, 0.3978, 0.3897



Tritanopia

64.9652, 0.3267, 0.3119

Trichromacy



Original Color

65.2087, 0.3736, 0.4075

Protanomaly

65.0355, 0.3757, 0.4060

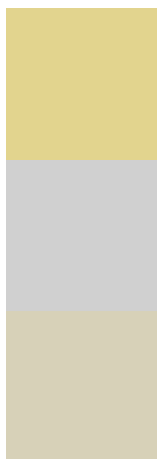
Deuteranomaly

65.1805, 0.3893, 0.3966

Tritanomaly

65.0161, 0.3447, 0.3467

Monochromacy



Original Color

65.2087, 0.3736, 0.4075

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5087, 0.3352, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2087, 0.3736, 0.4075 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(226, 212, 142)` looks like.

```
.text, #text, p{  
    color:rgb(226, 212, 142)  
}
```

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(226, 212, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 212, 142) }
```

Border

The CSS property to change the border of an element to Yxy 65.2087, 0.3736, 0.4075 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(226, 212, 142) }
```

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

```
.border{ border-color:rgb(226, 212, 142) }
```

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

Here you see how a box with a 4 pixel rgb(226, 212, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 212, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 212, 142);  
box-shadow:4px 4px 4px 4px rgb(226, 212,  
142) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 65.2087, 0.3736, 0.4075$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 212, 142) }
```

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

```
.background{ background-color: rgb(226,  
212, 142) }
```

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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