

Converting Colors

$Yxy(73.6331, 0.3787, 0.4135)$

Have a look what the booklet for
Yxy(73.6331, 0.3787, 0.4135)
contains.

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Color

Yxy(73.8502, 0.3787, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	F0E090
RGB	240, 224, 144
RGB Percent	94%, 88%, 56%
CMY	0.0589, 0.1215, 0.4352
CMYK	0.00, 0.07, 0.40, 0.06
HSL	50°, 76%, 75%
HSV	50°, 40%, 94%
XYZ	67.6186, 73.8502, 37.0858
YIQ	219.6640, 35.2160, -21.4880

Conversions

Conversions Part 2

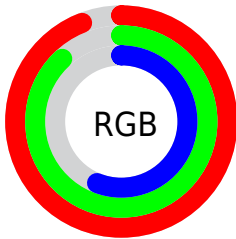
Format	Color
R _Y B	163, 240, 144
Decimal	15786128
CIE Lab	88.85, -5.59, 41.11
CIE LCh	89, 41.484, 97.748
Yxy	73.8502, 0.3787, 0.4136
Android (android.graphics.Color)	4293976208 (0xFFFF0E090)
YUV	219.6640, -37.3024, 17.8347
Hunter-Lab	85.9361, -9.9360, 34.5687

Details

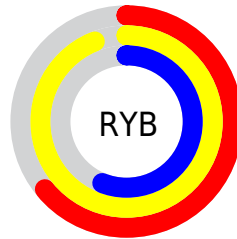
The Yxy color **73.8502, 0.3787, 0.4136** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.3561, 0.2417, 0.2268**, and the grayscale version is **71.5711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **39.0937, 0.3921, 0.4329** is the 20% darker color. If you saturate the color by 10%, you get **71.0759, 0.3957, 0.4332**, and if you desaturate by 10%, it is **76.8376, 0.3614, 0.3926**.

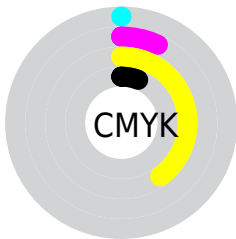
Distribution



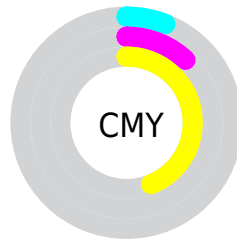
- Red (94%)
- Green (88%)
- Blue (56%)



- Red (64%)
- Yellow (94%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8502, 0.3787, 0.4136 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 73.8502, 0.3787, 0.4136 by changing the saturation by 10% instead.


 73.8502, 0.3787,
0.4136


 73.8502, 0.3787,
0.4136

473.9562, 0.3492,
0.3749

 54.6714, 0.3850,
0.4221

 124.6834, 0.3688,
0.4004

 39.1387, 0.3925,
0.4325


 157.1067, 0.3648,
0.3951

 26.8677, 0.4015,
0.4451


194.7136, 0.3614,
0.3906

 17.4739, 0.4123,
0.4609

237.8885, 0.3584,
0.3867

 10.5729, 0.4250,
0.4805

287.0158, 0.3557,
0.3832

 5.7804, 0.4407,
0.5064

342.4799, 0.3533,

 2.7120, 0.4589,

0.3801

0.5411

404.6653, 0.3512,
0.3773

■ 0.9833, 0.4470,
0.5530

■ 0.0000, 0.0000,
0.0000

■ 73.8502, 0.3787,
0.4136

■ 73.8502, 0.3787,
0.4136

■ 71.0759, 0.3957,
0.4332

■ 76.8376, 0.3614,
0.3926

■ 68.4941, 0.4116,
0.4503

■ 80.0374, 0.3444,
0.3710

■ 66.0969, 0.4258,
0.4640

■ 83.4617, 0.3280,
0.3496

■ 63.8712, 0.4375,
0.4734

■ 87.1185, 0.3127,
0.3290

■ 61.8014, 0.4464,
0.4781

■ 90.4216, 0.3037,
0.3181

■ 59.8619, 0.4527,
0.4788

■ 92.8487, 0.3036,
0.3221

■ 59.8583, 0.4527,
0.4788

■ 95.3282, 0.3036,
0.3260

■ 97.2599, 0.3035,
0.3290

Harmonies

Analogous

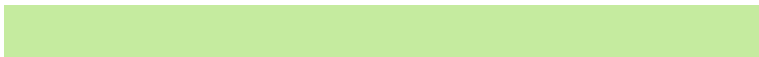
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8502, 0.4074, 0.3868



73.8502, 0.3787, 0.4136



73.8502, 0.3335, 0.4173

Triad

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



73.8502, 0.3787, 0.4136



73.8502, 0.2248, 0.2964



73.8502, 0.3361, 0.2769

Complementary

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



73.8502, 0.3787, 0.4136



37.3561, 0.2417, 0.2268

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.



73.8502, 0.2860, 0.2554



73.8502, 0.3787, 0.4136



73.8502, 0.2252, 0.2635

Square

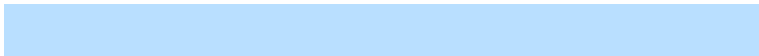
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8502, 0.3787, 0.4136



73.8502, 0.2456, 0.3440



73.8502, 0.2466, 0.2500



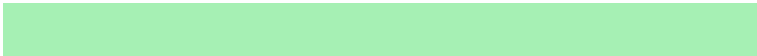
73.8502, 0.3827, 0.3101

Rectangle

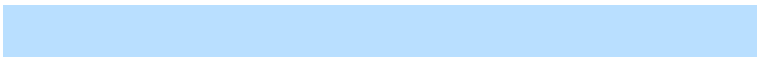
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8502, 0.3787, 0.4136



73.8502, 0.3005, 0.4030



73.8502, 0.2466, 0.2500



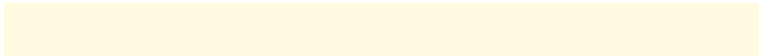
73.8502, 0.3189, 0.2681

Sweetspot

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



73.8536, 0.3787, 0.4136



94.9798, 0.3313, 0.3540



41.0131, 0.3968, 0.3114



20.2176, 0.3334, 0.3567



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.



73.8536, 0.3787, 0.4136



82.1565, 0.3926, 0.4298



77.7248, 0.3493, 0.4366



17.9854, 0.3272, 0.3485



32.9460, 0.4520, 0.4793



2.8584, 0.4470, 0.4833

Inverse Universe

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



37.3561, 0.2417, 0.2268



34.9415, 0.2253, 0.2016



35.4749, 0.2626, 0.2136



15.6534, 0.2980, 0.3087



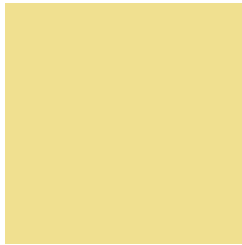
4.3996, 0.1541, 0.0746



0.4890, 0.1599, 0.0957

Previews

White Background



This preview shows how the Yxy color 73.8502, 0.3787, 0.4136 looks on a white background.

Color Contrast Check

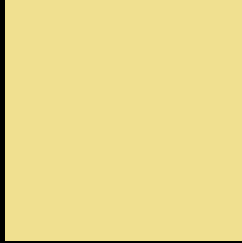
Large Text (above 18pt) WCAG AA × Fail

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 73.8502, 0.3787, 0.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

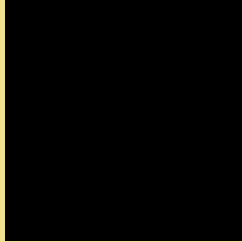
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8502, 0.3787, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 73.8502, 0.3787, 0.4136.



This preview shows how white text looks on a background with the Yxy color 73.8502, 0.3787, 0.4136.

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

73.8502, 0.3787, 0.4136

Protanopia

73.8437, 0.3815, 0.4119

Deuteranopia

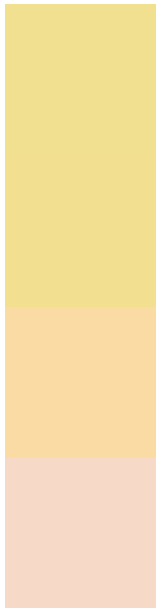
73.4669, 0.3716, 0.3713



Tritanopia

73.4414, 0.3275, 0.3118

Trichromacy



Original Color

73.8502, 0.3787, 0.4136

Protanomaly

73.6662, 0.3807, 0.4122

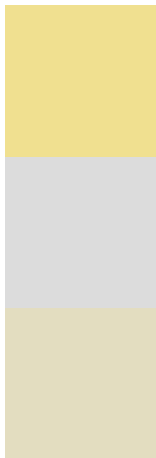
Deuteranomaly

73.6674, 0.3747, 0.3863

Tritanomaly

73.3421, 0.3469, 0.3479

Monochromacy



Original Color

73.8502, 0.3787, 0.4136

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8496, 0.3368, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8502, 0.3787, 0.4136 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(240, 224, 144)` looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 144)  
}
```

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(240, 224, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 144) }
```

Border

The CSS property to change the border of an element to Yxy 73.8502, 0.3787, 0.4136 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(240, 224, 144) }
```

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

```
.border{ border-color:rgb(240, 224, 144) }
```

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

Here you see how a box with a 4 pixel rgb(240, 224, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 144);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8502, 0.3787, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 144) }
```

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

```
.background{ background-color: rgb(240,  
224, 144) }
```

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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