

Converting Colors

$Yxy(60.7988, 0.3972, 0.4041)$

Have a look what the booklet for
Yxy(60.7988, 0.3972, 0.4041)
contains.

Yxy(60.6627, 0.3973, 0.4031)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6627, 0.3973, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	EEC783
RGB	238, 199, 131
RGB Percent	93%, 78%, 51%
CMY	0.0665, 0.2196, 0.4862
CMYK	0.00, 0.16, 0.45, 0.07
HSL	38°, 76%, 72%
HSV	38°, 45%, 93%
XYZ	59.7899, 60.6627, 30.0379
YIQ	202.9090, 45.0720, -12.8800

Conversions

Conversions Part 2

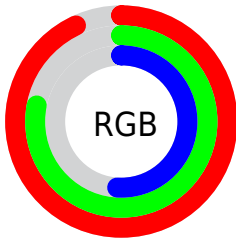
Format	Color
RYB	192, 238, 131
Decimal	15648643
CIELab	82.20, 5.15, 39.11
CIELCh	82, 39.447, 82.493
Yxy	60.6627, 0.3973, 0.4031
Android (android.graphics.Color)	4293838723 (0xFFEEC783)
YUV	202.9090, -35.4511, 30.7748
Hunter-Lab	77.8863, 0.7256, 31.6544

Details

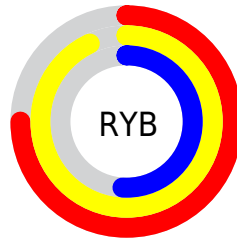
The Yxy color **60.6627, 0.3973, 0.4031** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.7762, 0.2368, 0.2404**, and the grayscale version is **59.8709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **30.5333, 0.4175, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **56.2095, 0.4195, 0.4180**, and if you desaturate by 10%, it is **65.4980, 0.3758, 0.3867**.

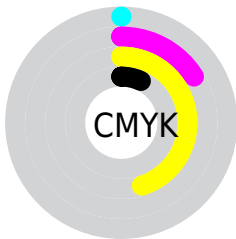
Distribution



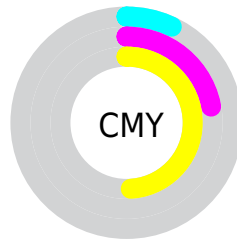
- Red (93%)
- Green (78%)
- Blue (51%)



- Red (75%)
- Yellow (93%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6627, 0.3973, 0.4031 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 60.6627, 0.3973, 0.4031 by changing the saturation by 10% instead.

 60.6627, 0.3973,
0.4031

 60.6627, 0.3973,
0.4031


427.0362, 0.3575,
0.3691


 43.9530, 0.4063,
0.4105

 105.7904, 0.3835,
0.3915

 30.6336, 0.4172,
0.4194

 134.9772, 0.3782,
0.3869

 20.3200, 0.4307,
0.4301


 169.0918, 0.3735,
0.3830

 12.6279, 0.4475,
0.4429

208.5187, 0.3695,
0.3795

 7.1728, 0.4683,
0.4578

253.6421, 0.3660,
0.3764

 3.5704, 0.5104,
0.4896

304.8466, 0.3628,

 1.4363, 0.5184,

0.3737

0.4816

362.5165, 0.3600,
0.3713

0.2432, 0.5948,
0.4052

0.0000, 0.0000,
0.0000

60.6627, 0.3973,
0.4031

60.6627, 0.3973,
0.4031

56.2095, 0.4195,
0.4180

65.4980, 0.3758,
0.3867

52.1157, 0.4417,
0.4303


70.7198, 0.3556,
0.3698

48.3687, 0.4627,
0.4387

76.3430, 0.3371,
0.3529

44.9511, 0.4813,
0.4424


82.3792, 0.3204,
0.3367

 41.8423, 0.4967,
0.4407

 88.8392, 0.3054,
0.3214

 40.3772, 0.5035,
0.4384

 94.4595, 0.3024,
0.3251

 96.9231, 0.3024,
0.3290

Harmonies

Analogous

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



60.6627, 0.4137, 0.3688



60.6627, 0.3973, 0.4031



60.6627, 0.3584, 0.4204

Triad

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



60.6627, 0.3973, 0.4031



60.6627, 0.2316, 0.3193



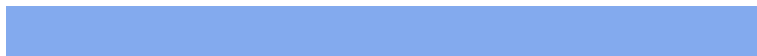
60.6627, 0.3099, 0.2633

Complementary

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



60.6627, 0.3973, 0.4031



39.7762, 0.2368, 0.2404

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.



60.6627, 0.2633, 0.2494



60.6627, 0.3973, 0.4031



60.6627, 0.2210, 0.2771

Square

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



60.6627, 0.3973, 0.4031



60.6627, 0.2629, 0.3700



60.6627, 0.2321, 0.2533



60.6627, 0.3612, 0.2915

Rectangle

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



60.6627, 0.3973, 0.4031



60.6627, 0.3258, 0.4166



60.6627, 0.2321, 0.2533



60.6627, 0.2932, 0.2568

Sweetspot

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



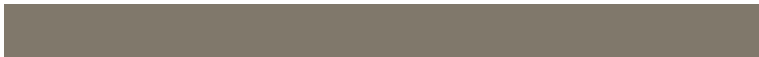
60.6656, 0.3973, 0.4031



90.5705, 0.3338, 0.3498



37.3340, 0.3877, 0.2856



19.0609, 0.3377, 0.3535



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.



60.6656, 0.3973, 0.4031



66.0998, 0.4179, 0.4169



78.6185, 0.3688, 0.4437



17.4328, 0.3277, 0.3440



22.7739, 0.5018, 0.4398



2.0832, 0.4881, 0.4507

Inverse Universe

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



39.7762, 0.2368, 0.2404



38.8581, 0.2207, 0.2180



28.4600, 0.2379, 0.1919



16.1730, 0.2980, 0.3136



7.4565, 0.1657, 0.1164



0.8035, 0.1729, 0.1426

Previews

White Background



This preview shows how the Yxy color 60.6627, 0.3973, 0.4031 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 60.6627, 0.3973, 0.4031 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 60.6627, 0.3973, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 60.6627, 0.3973, 0.4031.



This preview shows how white text looks on a background with the Yxy color 60.6627, 0.3973, 0.4031.

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

60.6627, 0.3973, 0.4031

Protanopia

60.8857, 0.3795, 0.4112

Deuteranopia

60.7386, 0.4048, 0.3971



Tritanopia

60.6472, 0.3464, 0.3132

Trichromacy



Original Color

60.6627, 0.3973, 0.4031

Protanomaly

60.8718, 0.3862, 0.4087

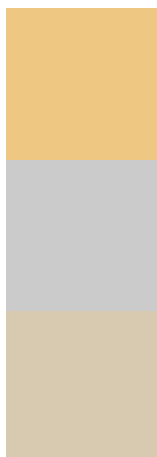
Deuteranomaly

60.6531, 0.4018, 0.3989

Tritanomaly

60.2315, 0.3655, 0.3455

Monochromacy



Original Color

60.6627, 0.3973, 0.4031

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0143, 0.3424, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6627, 0.3973, 0.4031 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(238, 199, 131)` looks like.

```
.text, #text, p{  
  color:rgb(238, 199, 131)  
}
```

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(238, 199, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 199, 131) }
```

Border

The CSS property to change the border of an element to Yxy 60.6627, 0.3973, 0.4031 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(238, 199, 131) }
```

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

```
.border{ border-color:rgb(238, 199, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 199, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 199, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 199, 131);  
box-shadow:4px 4px 4px 4px rgb(238, 199,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6627, 0.3973, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 199, 131) }
```

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

```
.background{ background-color: rgb(238,  
199, 131) }
```

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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