

Converting Colors

$Yxy(59.9780, 0.3926, 0.4065)$

Have a look what the booklet for
Yxy(59.9780, 0.3926, 0.4065)
contains.

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Color

Yxy(60.0761, 0.3924, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	E8C882
RGB	232, 200, 130
RGB Percent	91%, 78%, 51%
CMY	0.0902, 0.2157, 0.4900
CMYK	0.00, 0.14, 0.44, 0.09
HSL	41°, 69%, 71%
HSV	41°, 44%, 91%
XYZ	57.9638, 60.0761, 29.6761
YIQ	201.5880, 41.5420, -14.9860

Conversions

Conversions Part 2

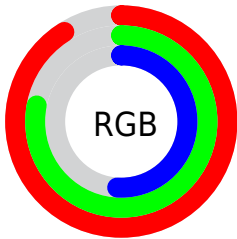
Format	Color
RYB	177, 232, 130
Decimal	15255682
CIELab	81.88, 2.12, 39.09
CIElCh	82, 39.143, 86.902
Yxy	60.0761, 0.3924, 0.4067
Android (android.graphics.Color)	4293445762 (0xFFE8C882)
YUV	201.5880, -35.2929, 26.6713
Hunter-Lab	77.5088, -2.1518, 31.5555

Details

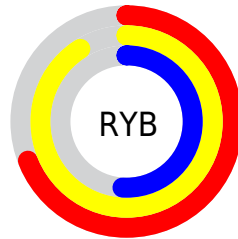
The Yxy color **60.0761, 0.3924, 0.4067** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.4300, 0.2375, 0.2357**, and the grayscale version is **59.0008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **30.2362, 0.4120, 0.4241** is the 20% darker color. If you saturate the color by 10%, you get **56.2319, 0.4131, 0.4228**, and if you desaturate by 10%, it is **64.2270, 0.3722, 0.3891**.

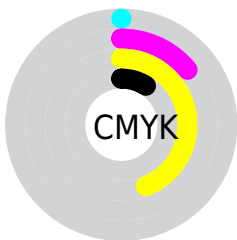
Distribution



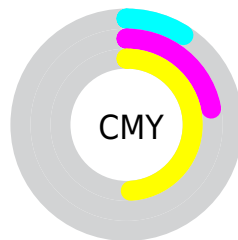
- Red (91%)
- Green (78%)
- Blue (51%)



- Red (69%)
- Yellow (91%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (9%)





- Cyan (9%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0761, 0.3924, 0.4067 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 60.0761, 0.3924, 0.4067 by changing the saturation by 10% instead.


 60.0761, 0.3924,
0.4067

 60.0761, 0.3924,
0.4067


424.8782, 0.3550,
0.3706


 43.4800, 0.4008,
0.4147


 104.9401, 0.3795,
0.3943

 30.2619, 0.4110,
0.4244


 133.9767, 0.3744,
0.3894

 20.0375, 0.4236,
0.4361


 167.9289, 0.3701,
0.3852

 12.4223, 0.4391,
0.4505

207.1812, 0.3663,
0.3816

 7.0320, 0.4582,
0.4675

252.1178, 0.3629,
0.3783

 3.4821, 0.4970,
0.5030

303.1233, 0.3600,

 1.3883, 0.5004,

0.3755

0.4996

360.5820, 0.3574,
0.3729

0.2081, 0.5452,
0.4548

0.0000, 0.0000,
0.0000

60.0761, 0.3924,
0.4067

60.0761, 0.3924,
0.4067

56.2319, 0.4131,
0.4228

64.2270, 0.3722,
0.3891

52.6741, 0.4333,
0.4364

68.6870, 0.3529,
0.3710

49.3926, 0.4523,
0.4463


73.4689, 0.3351,
0.3530

46.3727, 0.4688,
0.4515

78.5822, 0.3187,
0.3356

 43.5967, 0.4823,
0.4516

 84.0360, 0.3040,
0.3192

 42.0189, 0.4892,
0.4497

 88.8868, 0.2987,
0.3176

 93.3473, 0.2987,
0.3250

 95.8951, 0.2987,
0.3290

Harmonies

Analogous

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



60.0761, 0.4126, 0.3743



60.0761, 0.3924, 0.4067



60.0761, 0.3513, 0.4203

Triad

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



60.0761, 0.3924, 0.4067



60.0761, 0.2291, 0.3123



60.0761, 0.3175, 0.2669

Complementary

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



60.0761, 0.3924, 0.4067



36.4300, 0.2375, 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.



60.0761, 0.2695, 0.2507



60.0761, 0.3924, 0.4067



60.0761, 0.2217, 0.2726

Square

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



60.0761, 0.3924, 0.4067



60.0761, 0.2574, 0.3625



60.0761, 0.2358, 0.2519



60.0761, 0.3679, 0.2967

Rectangle

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



60.0761, 0.3924, 0.4067



60.0761, 0.3184, 0.4134



60.0761, 0.2358, 0.2519



60.0761, 0.3005, 0.2597

Sweetspot

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



60.0789, 0.3924, 0.4067



91.5875, 0.3336, 0.3514



35.7536, 0.3910, 0.2924



19.3129, 0.3374, 0.3554



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.



60.0789, 0.3924, 0.4067



69.9951, 0.4117, 0.4218



73.5157, 0.3638, 0.4427



16.0142, 0.3275, 0.3451



23.5633, 0.4878, 0.4509



1.9057, 0.4754, 0.4607

Inverse Universe

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



36.4300, 0.2375, 0.2357



37.1346, 0.2206, 0.2115



28.1691, 0.2440, 0.1970



14.6214, 0.2981, 0.3124



6.0641, 0.1621, 0.1035



0.6097, 0.1702, 0.1325

Previews

White Background



This preview shows how the Yxy color 60.0761, 0.3924, 0.4067 looks on a white background.

Color Contrast Check

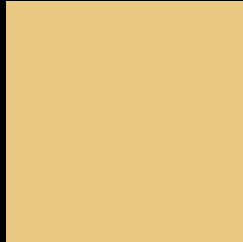
Large Text (above 18pt) WCAG AA × Fail

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 60.0761, 0.3924, 0.4067 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 60.0761, 0.3924, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 60.0761, 0.3924, 0.4067.



This preview shows how white text looks on a background with the Yxy color 60.0761, 0.3924, 0.4067.

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

60.0761, 0.3924, 0.4067

Protanopia

60.3540, 0.3814, 0.4124

Deuteranopia

60.0814, 0.4052, 0.3974



Tritanopia

60.1946, 0.3421, 0.3140

Trichromacy



Original Color

60.0761, 0.3924, 0.4067

Protanomaly

60.5193, 0.3852, 0.4103

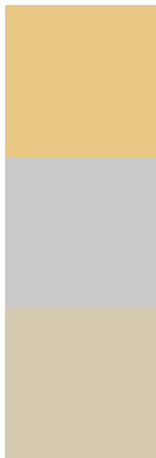
Deuteranomaly

60.0965, 0.4000, 0.4006

Tritanomaly

59.8025, 0.3610, 0.3468

Monochromacy



Original Color

60.0761, 0.3924, 0.4067

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0540, 0.3409, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0761, 0.3924, 0.4067 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, 200, 130)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 130)  
}
```

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, 200, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 130) }
```

Border

The CSS property to change the border of an element to Yxy 60.0761, 0.3924, 0.4067 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, 200, 130) }
```

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

```
.border{ border-color:rgb(232, 200, 130) }
```

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

Here you see how a box with a 4 pixel rgb(232, 200, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 200, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 200, 130);  
box-shadow:4px 4px 4px 4px rgb(232, 200,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0761, 0.3924, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 130) }
```

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

```
.background{ background-color: rgb(232,  
200, 130) }
```

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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