

Converting Colors

$Yxy(41.4037, 0.4249, 0.3842)$

Have a look what the booklet for
Yxy(41.4037, 0.4249, 0.3842)
contains.

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Color

Yxy(41.4487, 0.4248, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	E09E6F
RGB	224, 158, 111
RGB Percent	88%, 62%, 44%
CMY	0.1215, 0.3804, 0.5647
CMYK	0.00, 0.29, 0.50, 0.12
HSL	25°, 65%, 66%
HSV	25°, 50%, 88%
XYZ	45.8407, 41.4487, 20.6218
YIQ	172.3760, 54.4230, -0.6250

Conversions

Conversions Part 2

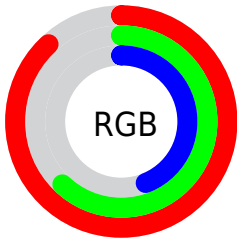
Format	Color
R_{YB}	224, 191, 111
Decimal	14720623
CIE _{Lab}	70.49, 19.31, 34.26
CIE _{LCh}	70, 39.331, 60.594
Yxy	41.4487, 0.4248, 0.3841
Android (android.graphics.Color)	4292910703 (0xFFE09E6F)
YUV	172.3760, -30.2584, 45.2742
Hunter-Lab	64.3807, 14.4304, 26.0752

Details

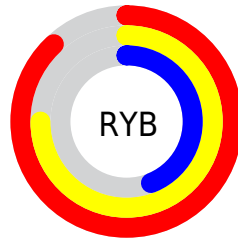
The Yxy color **41.4487, 0.4248, 0.3841** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.2134, 0.2346, 0.2639**, and the grayscale version is **41.5923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4928, 0.3815, 0.3807**, and **18.7629, 0.4574, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **36.7885, 0.4554, 0.3928**, and if you desaturate by 10%, it is **46.7121, 0.3966, 0.3736**.

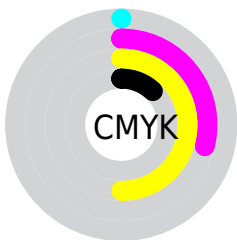
Distribution



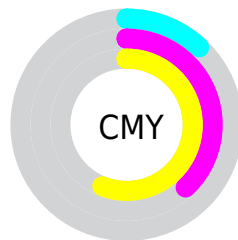
- Red (88%)
- Green (62%)
- Blue (44%)



- Red (88%)
- Yellow (75%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (50%)
- Black (12%)





- Cyan (12%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4487, 0.4248, 0.3841 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 41.4487, 0.4248, 0.3841 by changing the saturation by 10% instead.


 41.4487, 0.4248,
0.3841

 41.4487, 0.4248,
0.3841


352.1925, 0.3679,
0.3590

 28.6699, 0.4389,
0.3893


 77.3646, 0.4041,
0.3757


 18.8312, 0.4567,
0.3951


 101.2704, 0.3963,
0.3724

 11.5484, 0.4796,
0.4014


 129.6540, 0.3897,
0.3694

 6.4370, 0.5098,
0.4070

 162.8997, 0.3841,
0.3668

 3.1126, 0.5678,
0.4221

201.3921, 0.3792,
0.3645

 1.1908, 0.6030,
0.3970

245.5154, 0.3750,

 0.0542, 0.9062,

0.3625

0.0938

295.6541, 0.3712,
0.3606

0.0000, 0.0000,
0.0000

41.4487, 0.4248,
0.3841

41.4487, 0.4248,
0.3841

36.7885, 0.4554,
0.3928

46.7121, 0.3966,
0.3736

32.7012, 0.4870,
0.3985

52.5952, 0.3713,
0.3623

29.1623, 0.5178,
0.3999

59.1212, 0.3492,
0.3509

26.1427, 0.5453,
0.3960

66.3105, 0.3299,
0.3399

23.7070, 0.5672,
0.3878

74.1821, 0.3134,
0.3295

■ 82.7545, 0.2992,
0.3198

■ 91.1924, 0.2939,
0.3235

■ 94.5903, 0.2941,
0.3289

Harmonies

Analogous

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



41.4487, 0.4196, 0.3401



41.4487, 0.4248, 0.3841



41.4487, 0.3977, 0.4198

Triad

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



41.4487, 0.4248, 0.3841



41.4487, 0.2449, 0.3600



41.4487, 0.2697, 0.2425

Complementary

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



41.4487, 0.4248, 0.3841



40.2134, 0.2346, 0.2639

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.



41.4487, 0.2297, 0.2409



41.4487, 0.4248, 0.3841



41.4487, 0.2163, 0.3027

Square

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



41.4487, 0.4248, 0.3841



41.4487, 0.2929, 0.4115



41.4487, 0.2113, 0.2607



41.4487, 0.3251, 0.2627

Rectangle

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



41.4487, 0.4248, 0.3841



41.4487, 0.3668, 0.4322



41.4487, 0.2113, 0.2607



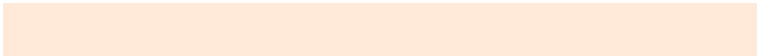
41.4487, 0.2542, 0.2397

Sweetspot

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



41.4507, 0.4248, 0.3841



84.3403, 0.3385, 0.3449



30.4654, 0.3679, 0.2516



17.6170, 0.3427, 0.3473



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.



41.4507, 0.4248, 0.3841



48.7692, 0.4585, 0.3936



64.4438, 0.3921, 0.4407



14.6323, 0.3282, 0.3388



14.0117, 0.5646, 0.3899



1.1449, 0.5370, 0.4118

Inverse Universe

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



40.2134, 0.2346, 0.2639



46.8610, 0.2196, 0.2466



22.7547, 0.2191, 0.1846



14.5670, 0.2981, 0.3190



12.7894, 0.1854, 0.1873



1.0620, 0.1920, 0.2113

Previews

White Background



This preview shows how the Yxy color 41.4487, 0.4248, 0.3841 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 41.4487, 0.4248, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

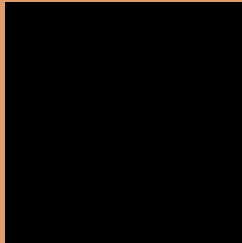
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4487, 0.4248, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 41.4487, 0.4248, 0.3841.



This preview shows how white text looks on a background with the Yxy color 41.4487, 0.4248, 0.3841.

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

41.4487, 0.4248, 0.3841

Protanopia

41.7363, 0.3744, 0.4043

Deuteranopia

41.4460, 0.4056, 0.3976



Tritanopia

41.2715, 0.3793, 0.3152

Trichromacy



Original Color

41.4487, 0.4248, 0.3841

Protanomaly

41.5224, 0.3915, 0.3973

Deuteranomaly

41.2626, 0.4134, 0.3924

Tritanomaly

41.4557, 0.3970, 0.3410

Monochromacy



Original Color

41.4487, 0.4248, 0.3841

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9158, 0.3508, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4487, 0.4248, 0.3841 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(224, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(224, 158, 111)  
}
```

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(224, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 158, 111) }
```

Border

The CSS property to change the border of an element to Yxy 41.4487, 0.4248, 0.3841 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(224, 158, 111) }
```

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

```
.border{ border-color:rgb(224, 158, 111) }
```

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

Here you see how a box with a 4 pixel rgb(224, 158, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(224, 158,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4487, 0.4248, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 158, 111) }
```

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

```
.background{ background-color: rgb(224,  
158, 111) }
```

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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