

Converting Colors

$Yxy(51.2967, 0.4030, 0.4045)$

Have a look what the booklet for
Yxy(51.2967, 0.4030, 0.4045)
contains.

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Color

Yxy(51.4363, 0.4029, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	E0B876
RGB	224, 184, 118
RGB Percent	88%, 72%, 46%
CMY	0.1215, 0.2784, 0.5372
CMYK	0.00, 0.18, 0.47, 0.12
HSL	37°, 63%, 67%
HSV	37°, 47%, 88%
XYZ	51.1570, 51.4363, 24.3786
YIQ	188.4360, 45.0260, -12.0460

Conversions

Conversions Part 2

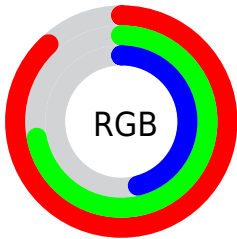
Format	Color
RYB	182, 224, 118
Decimal	14727286
CIELab	76.94, 6.10, 38.80
CIELCh	77, 39.278, 81.062
Yxy	51.4363, 0.4029, 0.4051
Android (android.graphics.Color)	4292917366 (0xFFE0B876)
YUV	188.4360, -34.7249, 31.1896
Hunter-Lab	71.7191, 1.8149, 30.0496

Details

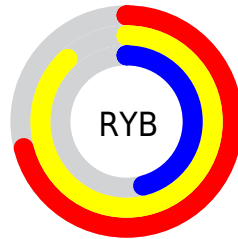
The Yxy color **51.4363, 0.4029, 0.4051** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.7068, 0.2333, 0.2371**, and the grayscale version is **50.7360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5205, 0.3670, 0.3982**, and **24.8654, 0.4260, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **47.5578, 0.4255, 0.4192**, and if you desaturate by 10%, it is **55.6564, 0.3809, 0.3893**.

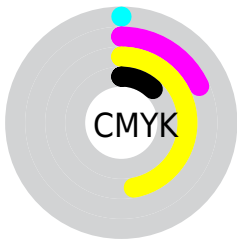
Distribution



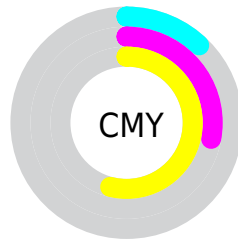
- Red (88%)
- Green (72%)
- Blue (46%)



- Red (71%)
- Yellow (88%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (47%)
- Black (12%)




- Cyan (12%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4363, 0.4029, 0.4051 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 51.4363, 0.4029, 0.4051 by changing the saturation by 10% instead.

 51.4363, 0.4029,
0.4051


 51.4363, 0.4029,
0.4051

392.2565, 0.3593,
0.3694

 36.5560, 0.4130,
0.4130


 92.2994, 0.3876,
0.3928

 24.8639, 0.4254,
0.4225


 119.0509, 0.3817,
0.3880

 15.9757, 0.4408,
0.4339


 150.5282, 0.3766,
0.3838

 9.5069, 0.4602,
0.4473

187.1158, 0.3722,
0.3802

 5.0733, 0.4866,
0.4645

229.1981, 0.3684,
0.3770

 2.2903, 0.5189,
0.4811

277.1593, 0.3650,

 0.7686, 0.5338,

0.3742

0.4662

331.3840, 0.3620,
0.3717

0.0000, 0.0000,
0.0000

51.4363, 0.4029,
0.4051

51.4363, 0.4029,
0.4051

47.5578, 0.4255,
0.4192

55.6564, 0.3809,
0.3893

44.0007, 0.4480,
0.4305

60.2224, 0.3603,
0.3728

40.7535, 0.4691,
0.4377

65.1478, 0.3413,
0.3562


37.8003, 0.4877,
0.4400

70.4429, 0.3241,
0.3402


35.1209, 0.5029,
0.4371

76.1175, 0.3088,
0.3250

 34.4406, 0.5067,
0.4358

 82.1810, 0.2951,
0.3108

 87.2978, 0.2938,
0.3170

 92.4840, 0.2940,
0.3256

 94.5906, 0.2941,
0.3289

Harmonies

Analogous

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



51.4363, 0.4189, 0.3684



51.4363, 0.4029, 0.4051



51.4363, 0.3627, 0.4250

Triad

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



51.4363, 0.4029, 0.4051



51.4363, 0.2288, 0.3210



51.4363, 0.3071, 0.2592

Complementary

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



51.4363, 0.4029, 0.4051



33.7068, 0.2333, 0.2371

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.



51.4363, 0.2588, 0.2454



51.4363, 0.4029, 0.4051



51.4363, 0.2168, 0.2760

Square

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



51.4363, 0.4029, 0.4051



51.4363, 0.2623, 0.3746



51.4363, 0.2272, 0.2503



51.4363, 0.3612, 0.2880

Rectangle

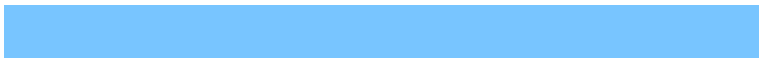
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.4363, 0.4029, 0.4051



51.4363, 0.3287, 0.4223



51.4363, 0.2272, 0.2503



51.4363, 0.2897, 0.2527

Sweetspot

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



51.4387, 0.4029, 0.4051



89.6089, 0.3356, 0.3510



31.3047, 0.3909, 0.2816



18.8563, 0.3394, 0.3545



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.



51.4387, 0.4029, 0.4051



63.7401, 0.4258, 0.4193



68.5770, 0.3726, 0.4484



15.1145, 0.3276, 0.3436



20.2708, 0.5050, 0.4372



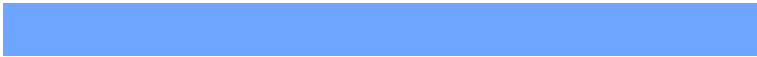
1.5758, 0.4884, 0.4504

Inverse Universe

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



33.7068, 0.2333, 0.2371



37.2553, 0.2162, 0.2130



23.1225, 0.2322, 0.1838



14.0872, 0.2981, 0.3140



7.0806, 0.1668, 0.1205



0.6594, 0.1754, 0.1514

Previews

White Background



This preview shows how the Yxy color 51.4363, 0.4029, 0.4051 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 51.4363, 0.4029, 0.4051 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 51.4363, 0.4029, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 51.4363, 0.4029, 0.4051.

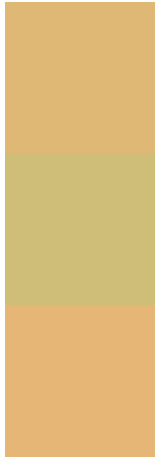


This preview shows how white text looks on a background with the Yxy color 51.4363, 0.4029, 0.4051.

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

51.4363, 0.4029, 0.4051

Protanopia

51.4484, 0.3828, 0.4143

Deuteranopia

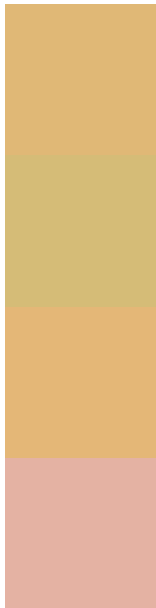
51.6108, 0.4086, 0.4003



Tritanopia

51.3230, 0.3508, 0.3133

Trichromacy



Original Color

51.4363, 0.4029, 0.4051

Protanomaly

51.4445, 0.3900, 0.4115

Deuteranomaly

51.6929, 0.4063, 0.4019

Tritanomaly

50.9791, 0.3706, 0.3465

Monochromacy



Original Color

51.4363, 0.4029, 0.4051

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6025, 0.3439, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4363, 0.4029, 0.4051 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, 184, 118)` looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 118)  
}
```

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, 184, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 118) }
```

Border

The CSS property to change the border of an element to Yxy 51.4363, 0.4029, 0.4051 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, 184, 118) }
```

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

```
.border{ border-color:rgb(224, 184, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 184, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 118);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4363, 0.4029, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 118) }
```

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

```
.background{ background-color: rgb(224,  
184, 118) }
```

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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