

Converting Colors

$Yxy(51.0725, 0.3975, 0.4073)$

Have a look what the booklet for
Yxy(51.0725, 0.3975, 0.4073)
contains.

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Color

Yxy(51.0660, 0.3978, 0.4077)

Conversions

Conversions Part 1

Format	Color
Hex	DBB976
RGB	219, 185, 118
RGB Percent	86%, 73%, 46%
CMY	0.1413, 0.2744, 0.5374
CMYK	0.00, 0.16, 0.46, 0.14
HSL	40°, 58%, 66%
HSV	40°, 46%, 86%
XYZ	49.8260, 51.0660, 24.3619
YIQ	187.5280, 41.7710, -13.6290

Conversions

Conversions Part 2

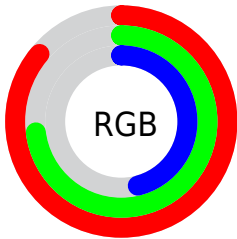
Format	Color
R _Y B	169, 219, 118
Decimal	14399862
CIE Lab	76.72, 3.51, 38.44
CIE LCh	77, 38.603, 84.786
Yxy	51.0660, 0.3978, 0.4077
Android (android.graphics.Color)	4292589942 (0xFFDDBB976)
YUV	187.5280, -34.2773, 27.6009
Hunter-Lab	71.4605, -0.5963, 29.8095

Details

The Yxy color **51.0660, 0.3978, 0.4077** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **31.3989, 0.2344, 0.2338**, and the grayscale version is **50.1869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1109, 0.3667, 0.3991**, and **24.6013, 0.4190, 0.4261** is the 20% darker color. If you saturate the color by 10%, you get **47.6052, 0.4191, 0.4229**, and if you desaturate by 10%, it is **54.8120, 0.3770, 0.3909**.

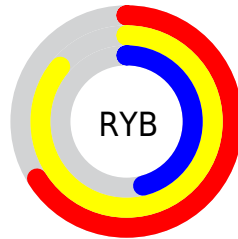
Distribution



Red (86%)

Green (73%)

Blue (46%)



Red (66%)

Yellow (86%)

Blue (46%)

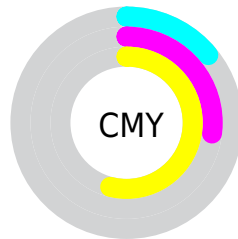


Cyan (0%)

Magenta (16%)

Yellow (46%)

Black (14%)



Cyan (14%)


Magenta (27%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0660, 0.3978, 0.4077 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 51.0660, 0.3978, 0.4077 by changing the saturation by 10% instead.

 51.0660, 0.3978,
0.4077


 51.0660, 0.3978,
0.4077


390.8202, 0.3567,
0.3704


 36.2611, 0.4073,
0.4161


 91.7523, 0.3834,
0.3947

 24.6359, 0.4190,
0.4263


 118.4026, 0.3778,
0.3897

 15.8060, 0.4334,
0.4387


 149.7701, 0.3730,
0.3853

 9.3870, 0.4514,
0.4536

186.2392, 0.3689,
0.3815

 4.9945, 0.4761,
0.4734

228.1944, 0.3653,
0.3782

 2.2440, 0.5057,
0.4943

276.0200, 0.3621,

 0.7438, 0.5159,

0.3753

0.4841

330.1005, 0.3593,
0.3727

0.0000, 0.0000,
0.0000

51.0660, 0.3978,
0.4077

51.0660, 0.3978,
0.4077

47.6052, 0.4191,
0.4229

54.8120, 0.3770,
0.3909

44.4116, 0.4399,
0.4354

58.8459, 0.3572,
0.3734

41.4754, 0.4594,
0.4440


63.1796, 0.3389,
0.3559

38.7830, 0.4764,
0.4478

67.8218, 0.3222,
0.3390


36.3180, 0.4902,
0.4465

72.7807, 0.3071,
0.3229

 35.4136, 0.4950,
0.4451

 78.0643, 0.2936,
0.3079

 82.5882, 0.2905,
0.3099

 86.9293, 0.2908,
0.3176

 91.4473, 0.2910,
0.3252

Harmonies

Analogous

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



51.0660, 0.4170, 0.3729



51.0660, 0.3978, 0.4077



51.0660, 0.3561, 0.4241

Triad

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



51.0660, 0.3978, 0.4077



51.0660, 0.2272, 0.3149



51.0660, 0.3138, 0.2629

Complementary

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



51.0660, 0.3978, 0.4077



31.3989, 0.2344, 0.2338

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.



51.0660, 0.2648, 0.2473



51.0660, 0.3978, 0.4077



51.0660, 0.2181, 0.2725

Square

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



51.0660, 0.3978, 0.4077



51.0660, 0.2579, 0.3676



51.0660, 0.2312, 0.2497



51.0660, 0.3667, 0.2929

Rectangle

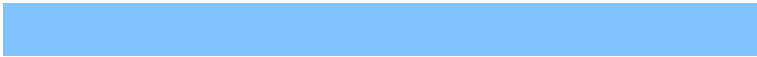
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.0660, 0.3978, 0.4077



51.0660, 0.3221, 0.4186



51.0660, 0.2312, 0.2497



51.0660, 0.2963, 0.2559

Sweetspot

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



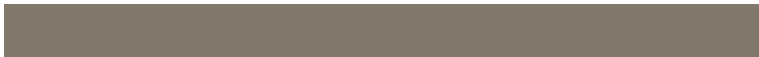
51.0684, 0.3978, 0.4077



90.4892, 0.3354, 0.3524



30.3182, 0.3921, 0.2868



19.0715, 0.3392, 0.3562



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.



51.0684, 0.3978, 0.4077



67.5268, 0.4177, 0.4220



64.7712, 0.3685, 0.4466



14.4879, 0.3275, 0.3445



21.2132, 0.4936, 0.4463



1.5309, 0.4785, 0.4583

Inverse Universe

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



31.3989, 0.2344, 0.2338



36.6562, 0.2179, 0.2103



23.0611, 0.2374, 0.1891



13.3291, 0.2981, 0.3130



6.0896, 0.1638, 0.1095



0.5505, 0.1729, 0.1425

Previews

White Background



This preview shows how the Yxy color 51.0660, 0.3978, 0.4077 looks on a white background.

Color Contrast Check

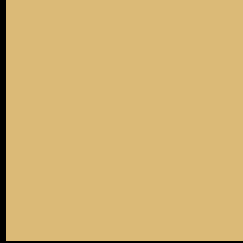
Large Text (above 18pt) WCAG AA × Fail

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 51.0660, 0.3978, 0.4077 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 51.0660, 0.3978, 0.4077

Background



This preview shows how black text looks on a background with the Yxy color 51.0660, 0.3978, 0.4077.



This preview shows how white text looks on a background with the Yxy color 51.0660, 0.3978, 0.4077.

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

51.0660, 0.3978, 0.4077

Protanopia

50.8731, 0.3824, 0.4135

Deuteranopia

51.0377, 0.4083, 0.3995



Tritanopia

50.9371, 0.3453, 0.3131

Trichromacy



Original Color

51.0660, 0.3978, 0.4077

Protanomaly

51.1472, 0.3882, 0.4121

Deuteranomaly

50.7954, 0.4041, 0.4016

Tritanomaly

50.6085, 0.3649, 0.3468

Monochromacy



Original Color

51.0660, 0.3978, 0.4077

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3271, 0.3421, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0660, 0.3978, 0.4077 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(219, 185, 118)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 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(219, 185, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 118) }
```

Border

The CSS property to change the border of an element to Yxy 51.0660, 0.3978, 0.4077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

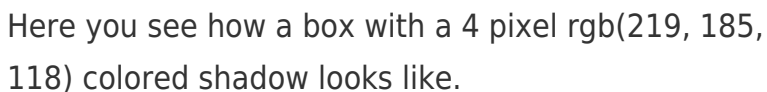
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 185, 118) }
```

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

```
.border{ border-color:rgb(219, 185, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 185, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 185, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 185, 118); box-shadow:4px 4px 4px 4px rgb(219, 185, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0660, 0.3978, 0.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 185, 118) }
```

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

```
.background{ background-color: rgb(219,  
185, 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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