

Converting Colors

Yxy(51.5120, 0.4031, 0.4167)

Have a look what the booklet for
Yxy(51.5120, 0.4031, 0.4167)
contains.

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Color

Yxy(51.3256, 0.4026, 0.4163)

Conversions

Conversions Part 1

Format	Color
Hex	DBBA6F
RGB	219, 186, 111
RGB Percent	86%, 73%, 44%
CMY	0.1413, 0.2705, 0.5647
CMYK	0.00, 0.15, 0.49, 0.14
HSL	42°, 60%, 65%
HSV	42°, 49%, 86%
XYZ	49.6365, 51.3256, 22.3278
YIQ	187.3170, 43.7430, -16.3290

Conversions

Conversions Part 2

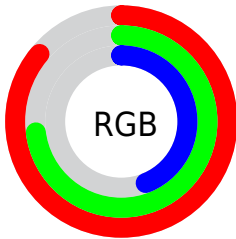
Format	Color
RYB	159, 219, 111
Decimal	14400111
CIELab	76.88, 2.32, 42.19
CIELCh	77, 42.255, 86.853
Yxy	51.3256, 0.4026, 0.4163
Android (android.graphics.Color)	4292590191 (0xFFDBBA6F)
YUV	187.3170, -37.6243, 27.7860
Hunter-Lab	71.6419, -1.7010, 31.6711

Details

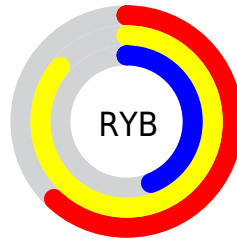
The Yxy color **51.3256, 0.4026, 0.4163** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **28.4270, 0.2277, 0.2209**, and the grayscale version is **50.0806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4446, 0.3708, 0.4068**, and **24.7934, 0.4244, 0.4361** is the 20% darker color. If you saturate the color by 10%, you get **48.1519, 0.4228, 0.4313**, and if you desaturate by 10%, it is **54.7541, 0.3823, 0.3992**.

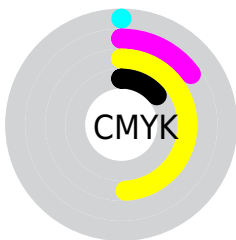
Distribution



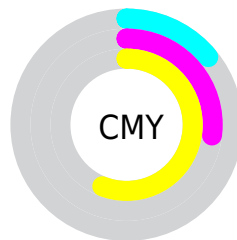
- Red (86%)
- Green (73%)
- Blue (44%)



- Red (62%)
- Yellow (86%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (49%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3256, 0.4026, 0.4163 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 51.3256, 0.4026, 0.4163 by changing the saturation by 10% instead.


 51.3256, 0.4026,
0.4163

 51.3256, 0.4026,
0.4163


391.8275, 0.3596,
0.3750

 36.4678, 0.4124,
0.4255


 92.1359, 0.3876,
0.4021

 24.7957, 0.4242,
0.4365


 118.8572, 0.3818,
0.3965

 15.9249, 0.4386,
0.4498


 150.3017, 0.3768,
0.3916

 9.4710, 0.4560,
0.4654

 186.8539, 0.3724,
0.3875

 5.0497, 0.4827,
0.4892

228.8982, 0.3686,
0.3838

 2.2764, 0.4995,
0.5005

276.8190, 0.3653,

 0.7612, 0.5061,

0.3805

0.4939

331.0006, 0.3623,
0.3776

0.0000, 0.0000,
0.0000

51.3256, 0.4026,
0.4163

51.3256, 0.4026,
0.4163

48.1519, 0.4228,
0.4313

54.7541, 0.3823,
0.3992

45.2153, 0.4421,
0.4432

58.4399, 0.3627,
0.3812

42.5062, 0.4595,
0.4510

62.3943, 0.3443,
0.3629

40.0110, 0.4742,
0.4538

66.6256, 0.3272,
0.3450

37.7084, 0.4859,
0.4520

71.1418, 0.3117,
0.3279

■ 37.5553, 0.4867,
0.4518

■ 75.9503, 0.2977,
0.3118

■ 80.4459, 0.2904,
0.3060

■ 84.2987, 0.2906,
0.3130

■ 88.2964, 0.2908,
0.3199

Harmonies

Analogous

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



51.3256, 0.4261, 0.3788



51.3256, 0.4026, 0.4163



51.3256, 0.3557, 0.4334

Triad

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



51.3256, 0.4026, 0.4163



51.3256, 0.2185, 0.3093



51.3256, 0.3177, 0.2593

Complementary

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



51.3256, 0.4026, 0.4163



28.4270, 0.2277, 0.2209

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.



51.3256, 0.2636, 0.2412



51.3256, 0.4026, 0.4163



51.3256, 0.2105, 0.2648

Square

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



51.3256, 0.4026, 0.4163



51.3256, 0.2499, 0.3673



51.3256, 0.2261, 0.2421



51.3256, 0.3753, 0.2923

Rectangle

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



51.3256, 0.4026, 0.4163



51.3256, 0.3185, 0.4261



51.3256, 0.2261, 0.2421



51.3256, 0.2985, 0.2514

Sweetspot

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



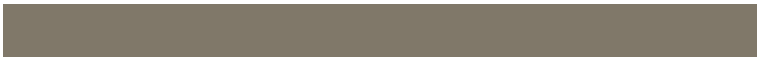
51.3280, 0.4026, 0.4163



90.5516, 0.3370, 0.3553



28.4749, 0.4053, 0.2884



19.1133, 0.3407, 0.3591



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.



51.3280, 0.4026, 0.4163



67.9067, 0.4232, 0.4316



63.9663, 0.3689, 0.4555



14.5580, 0.3274, 0.3452



22.4751, 0.4854, 0.4528



1.6055, 0.4721, 0.4634

Inverse Universe

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



28.4270, 0.2277, 0.2209



32.1618, 0.2097, 0.1938



21.2901, 0.2341, 0.1793



13.2622, 0.2981, 0.3123



5.5729, 0.1616, 0.1017



0.5109, 0.1707, 0.1345

Previews

White Background



This preview shows how the Yxy color 51.3256, 0.4026, 0.4163 looks on a white background.

Color Contrast Check

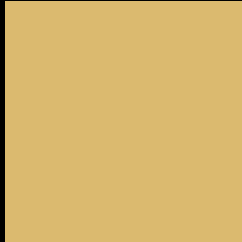
Large Text (above 18pt) WCAG AA × Fail

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 51.3256, 0.4026, 0.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

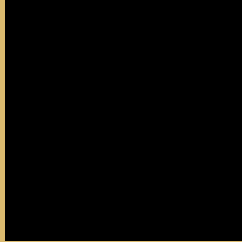
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3256, 0.4026, 0.4163

Background



This preview shows how black text looks on a background with the Yxy color 51.3256, 0.4026, 0.4163.

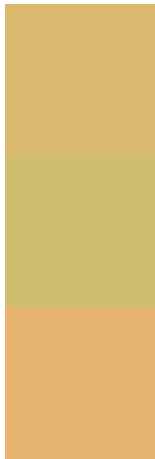


This preview shows how white text looks on a background with the Yxy color 51.3256, 0.4026, 0.4163.

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

51.3256, 0.4026, 0.4163

Protanopia

51.4067, 0.3897, 0.4231

Deuteranopia

51.2065, 0.4157, 0.4062



Tritanopia

51.3307, 0.3451, 0.3142

Trichromacy



Original Color

51.3256, 0.4026, 0.4163

Protanomaly

51.5621, 0.3938, 0.4207

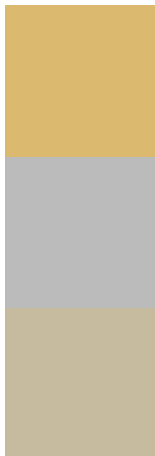
Deuteranomaly

51.3677, 0.4109, 0.4095

Tritanomaly

50.9037, 0.3672, 0.3515

Monochromacy



Original Color

51.3256, 0.4026, 0.4163

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.1860, 0.3454, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3256, 0.4026, 0.4163 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, 186, 111)` looks like.

```
.text, #text, p{  
    color:rgb(219, 186, 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(219, 186, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 186, 111) }
```

Border

The CSS property to change the border of an element to Yxy 51.3256, 0.4026, 0.4163 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, 186, 111) }
```

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

```
.border{ border-color:rgb(219, 186, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 186, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 186, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 186, 111);  
box-shadow:4px 4px 4px 4px rgb(219, 186,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3256, 0.4026, 0.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 186, 111) }
```

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

```
.background{ background-color: rgb(219,  
186, 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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