

Converting Colors

Yxy(52.6817, 0.3966, 0.4138)

Have a look what the booklet for
Yxy(52.6817, 0.3966, 0.4138)
contains.

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Color

Yxy(52.7162, 0.3972, 0.4141)

Conversions

Conversions Part 1

Format	Color
Hex	DBBD74
RGB	219, 189, 116
RGB Percent	86%, 74%, 45%
CMY	0.1411, 0.2588, 0.5452
CMYK	0.00, 0.14, 0.47, 0.14
HSL	43°, 59%, 66%
HSV	43°, 47%, 86%
XYZ	50.5648, 52.7162, 24.0221
YIQ	189.6480, 41.3130, -16.3430

Conversions

Conversions Part 2

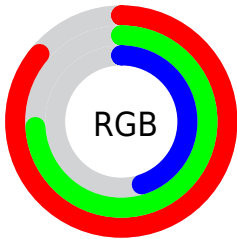
Format	Color
RYB	158, 219, 116
Decimal	14400884
CIELab	77.71, 1.23, 40.71
CIELCh	78, 40.733, 88.268
Yxy	52.7162, 0.3972, 0.4141
Android (android.graphics.Color)	4292590964 (0xFFDBBD74)
YUV	189.6480, -36.3085, 25.7417
Hunter-Lab	72.6059, -2.7480, 31.2077

Details

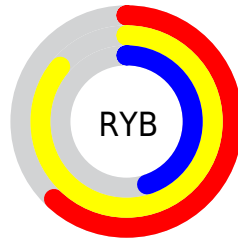
The Yxy color **52.7162, 0.3972, 0.4141** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **29.3764, 0.2315, 0.2247**, and the grayscale version is **51.4747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4294, 0.3667, 0.4046**, and **25.6830, 0.4172, 0.4340** is the 20% darker color. If you saturate the color by 10%, you get **49.5837, 0.4171, 0.4300**, and if you desaturate by 10%, it is **56.0945, 0.3774, 0.3964**.

Distribution



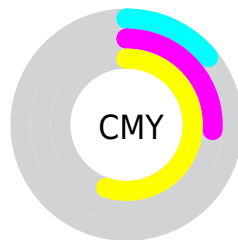
- Red (86%)
- Green (74%)
- Blue (45%)



- Red (62%)
- Yellow (86%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (47%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7162, 0.3972, 0.4141 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 52.7162, 0.3972, 0.4141 by changing the saturation by 10% instead.


 52.7162, 0.3972,
0.4141


 52.7162, 0.3972,
0.4141


397.1953, 0.3569,
0.3738


 37.5763, 0.4063,
0.4232


 94.1866, 0.3832,
0.4001

 25.6540, 0.4175,
0.4341


 121.2859, 0.3777,
0.3947

 16.5650, 0.4311,
0.4475


 153.1404, 0.3730,
0.3900

 9.9248, 0.4477,
0.4636

190.1346, 0.3689,
0.3859

 5.3491, 0.4702,
0.4851

232.6527, 0.3654,
0.3823

 2.4535, 0.4936,
0.5064

281.0793, 0.3622,

 0.8532, 0.4964,

0.3791

0.5036

335.7987, 0.3594,
0.3763

0.0000, 0.0000,
0.0000

52.7162, 0.3972,
0.4141

52.7162, 0.3972,
0.4141

49.5837, 0.4171,
0.4300

56.0945, 0.3774,
0.3964

46.6794, 0.4361,
0.4429

59.7204, 0.3582,
0.3779

43.9945, 0.4535,
0.4519

63.6049, 0.3402,
0.3593

41.5162, 0.4682,
0.4561

67.7561, 0.3236,
0.3413

39.2278, 0.4798,
0.4554

72.1815, 0.3084,
0.3240

■ 38.5814, 0.4830,
0.4547

■ 76.8883, 0.2947,
0.3079

■ 80.9295, 0.2904,
0.3069

■ 84.6199, 0.2907,
0.3136

■ 88.4423, 0.2909,
0.3202

Harmonies

Analogous

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



52.7162, 0.4208, 0.3791



52.7162, 0.3972, 0.4141



52.7162, 0.3517, 0.4286

Triad

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



52.7162, 0.3972, 0.4141



52.7162, 0.2215, 0.3080



52.7162, 0.3203, 0.2633

Complementary

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



52.7162, 0.3972, 0.4141



29.3764, 0.2315, 0.2247

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.



52.7162, 0.2679, 0.2451



52.7162, 0.3972, 0.4141



52.7162, 0.2148, 0.2661

Square

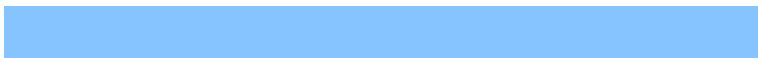
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.7162, 0.3972, 0.4141



52.7162, 0.2508, 0.3630



52.7162, 0.2309, 0.2452



52.7162, 0.3749, 0.2957

Rectangle

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



52.7162, 0.3972, 0.4141



52.7162, 0.3159, 0.4203



52.7162, 0.2309, 0.2452



52.7162, 0.3018, 0.2554

Sweetspot

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



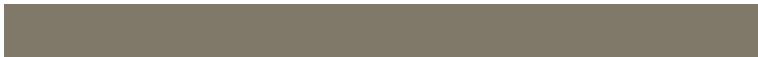
52.7187, 0.3972, 0.4141



91.4551, 0.3352, 0.3540



29.6479, 0.4012, 0.2921



19.3079, 0.3389, 0.3580



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.



52.7187, 0.3972, 0.4141



70.2304, 0.4159, 0.4291



63.9910, 0.3654, 0.4506



14.5899, 0.3274, 0.3455



23.0711, 0.4818, 0.4557



1.6405, 0.4692, 0.4656

Inverse Universe

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



29.3764, 0.2315, 0.2247



33.7192, 0.2144, 0.1993



22.8806, 0.2399, 0.1875



13.2320, 0.2981, 0.3119



5.3568, 0.1607, 0.0984



0.4938, 0.1697, 0.1310

Previews

White Background



This preview shows how the Yxy color 52.7162, 0.3972, 0.4141 looks on a white background.

Color Contrast Check

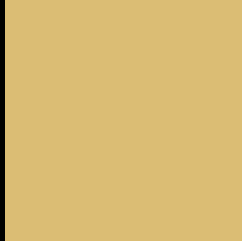
Large Text (above 18pt) WCAG AA × Fail

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 52.7162, 0.3972, 0.4141 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 52.7162, 0.3972, 0.4141

Background



This preview shows how black text looks on a background with the Yxy color 52.7162, 0.3972, 0.4141.



This preview shows how white text looks on a background with the Yxy color 52.7162, 0.3972, 0.4141.

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

52.7162, 0.3972, 0.4141

Protanopia

52.6853, 0.3868, 0.4189

Deuteranopia

52.4750, 0.4123, 0.4026



Tritanopia

52.8685, 0.3420, 0.3132

Trichromacy



Original Color

52.7162, 0.3972, 0.4141

Protanomaly

52.6921, 0.3900, 0.4169

Deuteranomaly

52.4763, 0.4067, 0.4061

Tritanomaly

52.4674, 0.3629, 0.3490

Monochromacy



Original Color

52.7162, 0.3972, 0.4141

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8888, 0.3433, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7162, 0.3972, 0.4141 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, 189, 116)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 116)  
}
```

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, 189, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 116) }
```

Border

The CSS property to change the border of an element to Yxy 52.7162, 0.3972, 0.4141 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, 189, 116) }
```

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

```
.border{ border-color:rgb(219, 189, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 189, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 189, 116); box-shadow:4px 4px 4px 4px rgb(219, 189, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7162, 0.3972, 0.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 116) }
```

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

```
.background{ background-color: rgb(219,  
189, 116) }
```

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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