

Converting Colors

$Yxy(52.0898, 0.3982, 0.4327)$

Have a look what the booklet for
Yxy(52.0898, 0.3982, 0.4327)
contains.

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Color

Yxy(52.0898, 0.3982, 0.4327)

Conversions

Conversions Part 1

Format	Color
Hex	D3BF67
RGB	211, 191, 103
RGB Percent	83%, 75%, 40%
CMY	0.1727, 0.2509, 0.5961
CMYK	0.00, 0.09, 0.51, 0.17
HSL	49°, 55%, 62%
HSV	49°, 51%, 83%
XYZ	47.9366, 52.0898, 20.3568
YIQ	186.9480, 40.1680, -23.1280

Conversions

Conversions Part 2

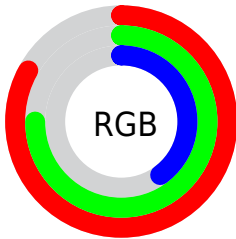
Format	Color
RYB	128, 211, 103
Decimal	13877095
CIELab	77.33, -4.31, 46.56
CIELCh	77, 46.759, 95.285
Yxy	52.0898, 0.3982, 0.4327
Android (android.graphics.Color)	4292067175 (0xFFD3BF67)
YUV	186.9480, -41.3864, 21.0936
Hunter-Lab	72.1733, -7.7457, 33.7983

Details

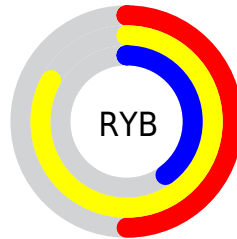
The Yxy color **52.0898, 0.3982, 0.4327** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.7376, 0.2207, 0.1964**, and the grayscale version is **49.8832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1818, 0.3739, 0.4189**, and **25.2949, 0.4169, 0.4579** is the 20% darker color. If you saturate the color by 10%, you get **50.0425, 0.4145, 0.4492**, and if you desaturate by 10%, it is **54.2942, 0.3810, 0.4137**.

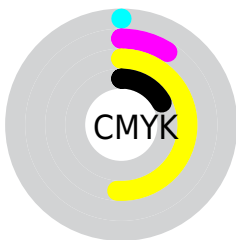
Distribution



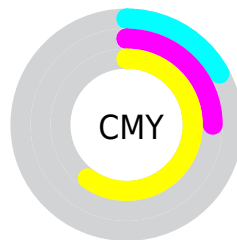
- Red (83%)
- Green (75%)
- Blue (40%)



- Red (50%)
- Yellow (83%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0898, 0.3982, 0.4327 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 52.0898, 0.3982, 0.4327 by changing the saturation by 10% instead.


 52.0898, 0.3982,
0.4327


 52.0898, 0.3982,
0.4327


394.7832, 0.3582,
0.3831

 37.0767, 0.4069,
0.4439


 93.2637, 0.3846,
0.4155


 25.2668, 0.4171,
0.4573


 120.1932, 0.3792,
0.4088

 16.2760, 0.4291,
0.4736


 151.8636, 0.3745,
0.4030

 9.7197, 0.4426,
0.4928

 188.6593, 0.3704,
0.3980

 5.2135, 0.4679,
0.5280

230.9647, 0.3668,
0.3936

 2.3731, 0.4645,
0.5355

279.1643, 0.3636,

 0.8120, 0.4508,

0.3897

0.5492

333.6423, 0.3608,
0.3862

0.0000, 0.0000,
0.0000

52.0898, 0.3982,
0.4327

52.0898, 0.3982,
0.4327

50.0425, 0.4145,
0.4492

54.2942, 0.3810,
0.4137

48.1363, 0.4290,
0.4623

56.6559, 0.3635,
0.3933

46.3639, 0.4411,
0.4711

59.1846, 0.3463,
0.3723

44.7139, 0.4504,
0.4752

61.8866, 0.3299,
0.3515

43.3428, 0.4566,
0.4757

64.7681, 0.3145,
0.3313

■ 67.8348, 0.3002,
0.3122

■ 71.0921, 0.2872,
0.2944

■ 73.4177, 0.2849,
0.2942

■ 75.5155, 0.2851,
0.2984

Harmonies

Analogous

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



52.0898, 0.4331, 0.3952



52.0898, 0.3982, 0.4327



52.0898, 0.3422, 0.4435

Triad

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



52.0898, 0.3982, 0.4327



52.0898, 0.2049, 0.2908



52.0898, 0.3362, 0.2618

Complementary

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



52.0898, 0.3982, 0.4327



21.7376, 0.2207, 0.1964

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.



52.0898, 0.2739, 0.2371



52.0898, 0.3982, 0.4327



52.0898, 0.2038, 0.2489

Square

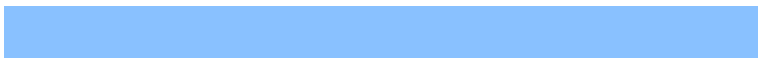
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0898, 0.3982, 0.4327



52.0898, 0.2317, 0.3526



52.0898, 0.2274, 0.2317



52.0898, 0.3972, 0.3009

Rectangle

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



52.0898, 0.3982, 0.4327



52.0898, 0.3010, 0.4281



52.0898, 0.2274, 0.2317



52.0898, 0.3145, 0.2517

Sweetspot

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



52.0922, 0.3982, 0.4327



93.3491, 0.3363, 0.3597



25.0136, 0.4282, 0.3027



19.7914, 0.3398, 0.3641



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.



52.0922, 0.3982, 0.4327



76.6996, 0.4152, 0.4499



57.0870, 0.3601, 0.4648



13.4106, 0.3271, 0.3478



26.3049, 0.4559, 0.4762



1.5695, 0.4480, 0.4824

Inverse Universe

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



21.7376, 0.2207, 0.1964



25.3880, 0.2009, 0.1646



19.5834, 0.2418, 0.1777



11.7661, 0.2982, 0.3095



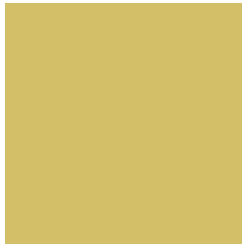
3.8238, 0.1550, 0.0781



0.3224, 0.1640, 0.1105

Previews

White Background



This preview shows how the Yxy color 52.0898, 0.3982, 0.4327 looks on a white background.

Color Contrast Check

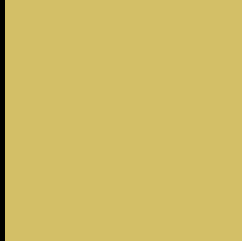
Large Text (above 18pt) WCAG AA × Fail

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 52.0898, 0.3982, 0.4327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

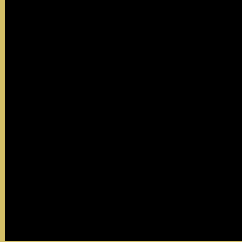
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0898, 0.3982, 0.4327

Background



This preview shows how black text looks on a background with the Yxy color 52.0898, 0.3982, 0.4327.



This preview shows how white text looks on a background with the Yxy color 52.0898, 0.3982, 0.4327.

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

52.0898, 0.3982, 0.4327

Protanopia

51.9425, 0.3973, 0.4330

Deuteranopia

51.9682, 0.4231, 0.4132



Tritanopia

52.2035, 0.3350, 0.3129

Trichromacy



Original Color

52.0898, 0.3982, 0.4327

Protanomaly

51.9425, 0.3973, 0.4330

Deuteranomaly

51.8662, 0.4147, 0.4200

Tritanomaly

52.0583, 0.3595, 0.3565

Monochromacy



Original Color

52.0898, 0.3982, 0.4327

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.1025, 0.3450, 0.3697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0898, 0.3982, 0.4327 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(211, 191, 103)` looks like.

```
.text, #text, p{  
    color:rgb(211, 191, 103)  
}
```

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(211, 191, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 191, 103) }
```

Border

The CSS property to change the border of an element to Yxy 52.0898, 0.3982, 0.4327 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(211, 191, 103) }
```

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

```
.border{ border-color:rgb(211, 191, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 191, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 191, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 191, 103); box-shadow:4px 4px 4px 4px rgb(211, 191, 103) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0898, 0.3982, 0.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 191, 103) }
```

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

```
.background{ background-color: rgb(211,  
191, 103) }
```

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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