

Converting Colors

Yxy(51.6997, 0.4143, 0.4415)

Have a look what the booklet for
Yxy(51.6997, 0.4143, 0.4415)
contains.

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Color

Yxy(51.8682, 0.4142, 0.4419)

Conversions

Conversions Part 1

Format	Color
Hex	D9BD59
RGB	217, 189, 89
RGB Percent	85%, 74%, 35%
CMY	0.1490, 0.2588, 0.6511
CMYK	0.00, 0.13, 0.59, 0.15
HSL	47°, 63%, 60%
HSV	47°, 59%, 85%
XYZ	48.6169, 51.8682, 16.8903
YIQ	185.9720, 48.7880, -25.1640

Conversions

Conversions Part 2

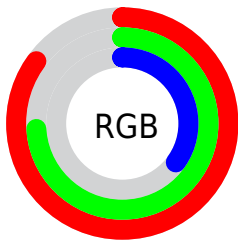
Format	Color
RYB	125, 217, 89
Decimal	14269785
CIELab	77.20, -1.86, 53.23
CIELCh	77, 53.263, 92.003
Yxy	51.8682, 0.4142, 0.4419
Android (android.graphics.Color)	4292459865 (0xFFD9BD59)
YUV	185.9720, -47.8072, 27.2116
Hunter-Lab	72.0196, -5.5376, 36.5088

Details

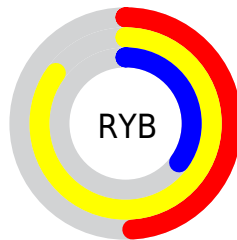
The Yxy color **51.8682, 0.4142, 0.4419** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **19.8462, 0.2070, 0.1786**, and the grayscale version is **49.3384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5178, 0.3827, 0.4301**, and **25.1066, 0.4353, 0.4666** is the 20% darker color. If you saturate the color by 10%, you get **49.5497, 0.4303, 0.4553**, and if you desaturate by 10%, it is **54.3659, 0.3967, 0.4253**.

Distribution



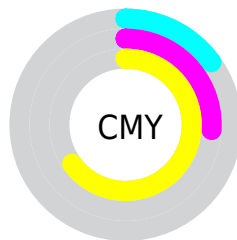
- Red (85%)
- Green (74%)
- Blue (35%)



- Red (49%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (59%)
- Black (15%)





- Cyan (15%)
- Magenta (26%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8682, 0.4142, 0.4419 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 51.8682, 0.4142, 0.4419 by changing the saturation by 10% instead.


 51.8682, 0.4142,
0.4419


 51.8682, 0.4142,
0.4419


393.9276, 0.3673,
0.3892

 36.9000, 0.4241,
0.4532


 92.9368, 0.3984,
0.4240


 25.1301, 0.4355,
0.4664


 119.8061, 0.3921,
0.4169

 16.1740, 0.4483,
0.4815


 151.4112, 0.3866,
0.4107

 9.6474, 0.4622,
0.4984

 188.1364, 0.3817,
0.4053

 5.1658, 0.4798,
0.5202

230.3663, 0.3775,
0.4005

 2.3449, 0.4775,
0.5225

278.4852, 0.3737,

 0.7973, 0.4719,

0.3963

0.5281

332.8775, 0.3703,
0.3925

■ 0.0000, 0.0000,
0.0000

■ 51.8682, 0.4142,
0.4419

■ 51.8682, 0.4142,
0.4419

■ 49.5497, 0.4303,
0.4553

■ 54.3659, 0.3967,
0.4253

■ 47.3926, 0.4443,
0.4646

■ 57.0445, 0.3785,
0.4065

■ 45.3872, 0.4555,
0.4691

■ 59.9149, 0.3604,
0.3865

■ 43.5145, 0.4639,
0.4693

■ 62.9847, 0.3430,
0.3663

■ 43.3335, 0.4647,
0.4693

■ 66.2610, 0.3265,
0.3463

■ 69.7505, 0.3113,
0.3271

■ 73.4595, 0.2973,
0.3091

■ 76.8971, 0.2889,
0.2997

■ 79.5290, 0.2891,
0.3048

Harmonies

Analogous

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



51.8682, 0.4513, 0.3961



51.8682, 0.4142, 0.4419



51.8682, 0.3523, 0.4612

Triad

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



51.8682, 0.4142, 0.4419



51.8682, 0.1935, 0.2912



51.8682, 0.3308, 0.2497

Complementary

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



51.8682, 0.4142, 0.4419



19.8462, 0.2070, 0.1786

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.



51.8682, 0.2616, 0.2245



51.8682, 0.4142, 0.4419



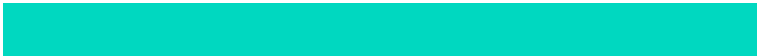
51.8682, 0.1895, 0.2418

Square

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



51.8682, 0.4142, 0.4419



51.8682, 0.2258, 0.3640



51.8682, 0.2126, 0.2206



51.8682, 0.4023, 0.2914

Rectangle

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



51.8682, 0.4142, 0.4419



51.8682, 0.3059, 0.4481



51.8682, 0.2126, 0.2206



51.8682, 0.3063, 0.2392

Sweetspot

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



51.8707, 0.4142, 0.4419



91.1497, 0.3416, 0.3646



23.2189, 0.4510, 0.2949



19.2237, 0.3466, 0.3705



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.



51.8707, 0.4142, 0.4419



70.5599, 0.4343, 0.4582



60.4020, 0.3684, 0.4825



14.7554, 0.3272, 0.3472



26.3909, 0.4639, 0.4699



1.8319, 0.4552, 0.4768

Inverse Universe

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



19.8462, 0.2070, 0.1786



20.6067, 0.1856, 0.1425



16.3666, 0.2244, 0.1513



13.0766, 0.2981, 0.3102



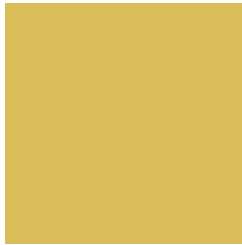
4.4140, 0.1566, 0.0835



0.4144, 0.1650, 0.1139

Previews

White Background



This preview shows how the Yxy color 51.8682, 0.4142, 0.4419 looks on a white background.

Color Contrast Check

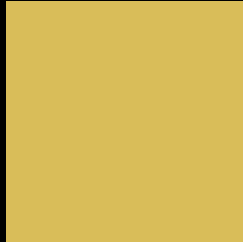
Large Text (above 18pt) WCAG AA × Fail

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 51.8682, 0.4142, 0.4419 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 51.8682, 0.4142, 0.4419

Background



This preview shows how black text looks on a background with the Yxy color 51.8682, 0.4142, 0.4419.



This preview shows how white text looks on a background with the Yxy color 51.8682, 0.4142, 0.4419.

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

51.8682, 0.4142, 0.4419

Protanopia

51.8487, 0.4068, 0.4455

Deuteranopia

51.8734, 0.4339, 0.4256



Tritanopia

51.8153, 0.3432, 0.3131

Trichromacy



Original Color

51.8682, 0.4142, 0.4419

Protanomaly

51.7112, 0.4093, 0.4437

Deuteranomaly

51.9301, 0.4262, 0.4323

Tritanomaly

51.5104, 0.3718, 0.3609

Monochromacy



Original Color

51.8682, 0.4142, 0.4419

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6453, 0.3502, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8682, 0.4142, 0.4419 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(217, 189, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 189, 89)  
}
```

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(217, 189, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 189, 89) }
```

Border

The CSS property to change the border of an element to Yxy 51.8682, 0.4142, 0.4419 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(217, 189, 89) }
```

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

```
.border{ border-color:rgb(217, 189, 89) }
```

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

Here you see how a box with a 4 pixel rgb(217, 189, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 189, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 189, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 189,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8682, 0.4142, 0.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 189, 89) }
```

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

```
.background{ background-color: rgb(217,  
189, 89) }
```

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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